For Research Use Only

Cytokeratin 8 Polyclonal antibody Catalog Number: 17514-1-AP 26 Publications

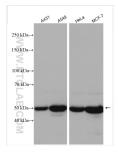
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Size:	GenelD (NCBI)					
	GeneID (NCBI): 3856 UNIPROT ID: P05787 Full Name: keratin 8		Recommended Dilutions: WB: 1:1000-1:8000 IHC: 1:2000-1:8000 IF-P: 1:200-1:800 FC (Intra): 0.20 ug per 10^6 cells in a			
150ul , Concentration: 500 ug/ml by Nanodrop; Source: Rabbit Isotype: IgG						
					100 µl suspension	
					Calculated MW: 54 kDa	
			Observed MW: 54 kDa			
			Positive Con	Controls:		
	Cited Applications:		WB : A431 cells, A549 cells, C6 cells, HeLa cells, MCF-7 cells			
		IHC : human appendicitis tissue, human bowen disease tissue, human colon tissue, human prostate cancer tissue				
human, mouse, rat						
Cited Species:						
human, mouse, rat, zebrafish, hamster			·			
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0						
are classified into two major sequence including K9-K23, and the hair keration type I keratins, including K1-K8, and	ce types. Type I kerati ns Ha1-Ha8. Type II ko the hair keratins, Hb1	ins are a group of eratins are the ba	facidic intermediate	e filament proteins, rparts to the acidic		
Author Put	omed ID Jour	Journal		Application		
Jiajun Xie 344	482361 Sigr	al Transduct Tar	get Ther	WB,IHC		
Mengjie Li 348	345376 Onc	ogene		WB		
Xiaoqiu Zhou 306	555849 Onc	ol Lett		IHC		
Storage Buffer:	0% glycerol, pH7.3					
	Source: Rabbit Isotype: IgG Tested Applications: WB, IHC, IF-P, FC (Intra), ELISA Cited Applications: WB, IHC, IF Species Specificity: human, mouse, rat Cited Species: human, mouse, rat, zebrafish, hamste Note-IHC: suggested antigen of TE buffer pH 9.0; (*) Alternati retrieval may be performed we buffer pH 6.0 Keratins are a large family of proteir are classified into two major sequen including K9-K23, and the hair kerati type I keratins, including K1-K8, and antibody is specifically against KRTE Author Put Jiajun Xie 344 Mengjie Li 344 Xiaoqiu Zhou 300 Storage: Storage Buffer: PBS with 0.02% sodium azide and 50	Source:PO5787RabbitFull Name:Isotype:keratin 8IgGCalculated MW:54 kDaObserved MW:54 kDaObserved MW:54 kDaSource:WB, IHC, IF-P, FC (Intra), ELISACited Applications:WB, IHC, IFSpecies:human, mouse, ratCited Species:human, mouse, ratCited Species:human, mouse, ratCited Species:human, mouse, rat, zebrafish, hamsterNote-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0Keratins are a large family of proteins that form the interm are classified into two major sequence types. Type I kerati including K9-K23, and the hair keratins Ha1-Ha8. Type II ker type I keratins, including K1-K8, and the hair keratins, Hb1 antibody is specifically against KRT8.AuthorPubmed IDJiajun Xie34482361Storage:Storage:StorageStorage Buffer:PBS with 0.02% sodium azide and 50% glycerol, pH7.3	Source: P05787 Rabbit Full Name: Isotype: keratin 8 IgG Calculated MW: 54 kDa Observed MW: 54 kDa Observed MW: 54 kDa Observed MW: 54 kDa WB: A431 cel Cited Applications: Cells WB, IHC, IF-P, FC (Intra), EUSA WB: A431 cel Cited Applications: cancer tissue WB, IHC, IF IHC: human: Species Specificity: disease tissu human, mouse, rat cancer tissue Cited Species: IF-P: mouse teles human, mouse, rat, zebrafish, hamster Rot (Intra): He Note-IHC: suggested antigen retrieval with FE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 Keratins are a large family of proteins that form the intermediate filament are classified into two major sequence types. Type I keratins are te bac type I keratins are te bac type I keratins, including K3-K8, and the hair keratins, Hb1-Hb6. KRT8 is ofte antibody is specifically against KRT8. Author Pubmed ID Journal Jiajun Xie 34482361 Signal Transduct Tar Mengjie Li	Source: P05787 IF-P: 1:200-1:800 Rabbit Full Name: 100 µl suspension Isotype: keratin 8 100 µl suspension IgG Calculated MW: 54 kDa Observed MW: 54 kDa 0bserved MW: 54 kDa Observed MW: 54 kDa VB, IHC, IF-P, FC (Intra), EUSA WB: A431 cells, A549 cells, C6 ce Cited Applications: WB: A431 cells, A549 cells, C6 ce WB, IHC, IF HC: human appendicitis tissue, I Species Specificity: disease tissue, human colon tissu human, mouse, rat cancer tissue Cited Species: IF-P: mouse testis tissue, I human, mouse, rat cancer tissue FC (Intra): HeLa cells, FC (Intra): HeLa cells, Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epit are classified into two major sequence types. Type I keratins are a group of acidic intermediate including K9-K32, and the hair keratins, Ha1-Ha8. Type I keratins are the basic or neutral courte type I keratins, including K1-K8, and the hair keratins, Hb1-Hb6. KRT8 is often paired with kerati antibody is specifically against KRT8. Author Pubmed ID Journal Jiajun Xie 34845376 Oncogene Xiaoqiu Zhou <		

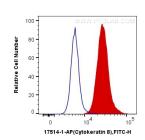
For technical support and original validation data for this product please contact: T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free E: proteintech@ptglab.com in USA), or 1(312) 455-8498 (outside USA) W: ptglab.com

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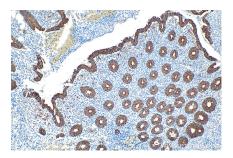
Selected Validation Data



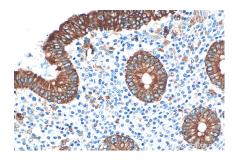
Various lysates were subjected to SDS PAGE followed by western blot with 17514-1-AP (Cytokeratin 8 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



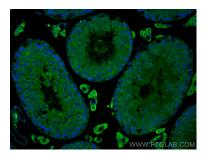
1X10^6 HeLa cells were intracellularly stained with 0.2 ug Anti-Human Cytokeratin 8 (17514-1-AP) and Coralite®488-Conjugated AffiniPure Goat Anti-Rabbit lgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunohistochemical analysis of paraffinembedded human appendicitis tissue slide using 17514-1-AP (Cytokeratin 8 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded human appendicitis tissue slide using 17514-1-AP (Cytokeratin 8 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse testis tissue using Cytokeratin 8 antibody (17514-1-AP) at dilution of 1:400 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).