

For Research Use Only

CRISP3 Polyclonal antibody

Catalog Number: 14847-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number: 14847-1-AP	GenBank Accession Number: NM_006061	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 650 µg/ml by Nanodrop and 427 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10321	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: cysteine-rich secretory protein 3	IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Isotype: IgG	Calculated MW: 28 kDa	IHC 1:50-1:500
	Observed MW: 29 kDa	

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

IHC, WB

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB: human saliva, human placenta tissue, Jurkat cells, mouse colon tissue, mouse ovary tissue, mouse thymus tissue

IP: human placenta tissue,

IHC: human prostate cancer tissue, human pancreas tissue

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

CRISP3, also known as SGP28, is a glycoprotein that belongs to a family of cysteine-rich secretory proteins (CRISPs). CRISP3 was originally discovered in human neutrophils, but transcripts are widely distributed in exocrine glands (salivary glands, pancreas, and prostate) and also found at lower levels in epididymis, ovary, thymus, and colon. CRISP3 is a potential biomarker for prostate cancer. This antibody can recognize both CRISP2 and CRISP3.

Notable Publications

Author	Pubmed ID	Journal	Application
Yu-Ming Wang	36263172	Int J Biol Sci	WB,IHC
X Liu	36267015	J Dent Res	WB
Paola A Rojas	28376177	J Natl Cancer Inst	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

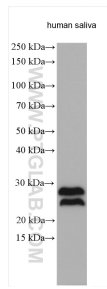
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

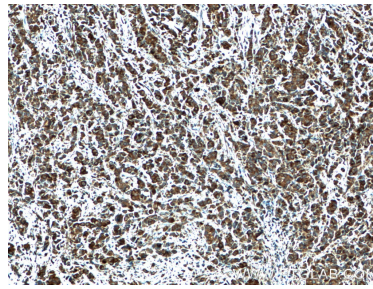
E: proteintech@ptglab.com
W: ptglab.com

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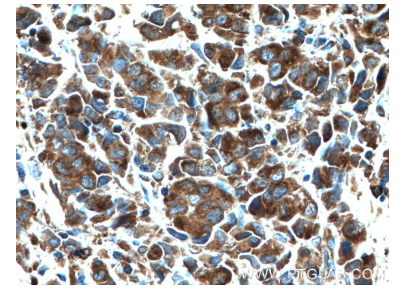
Selected Validation Data



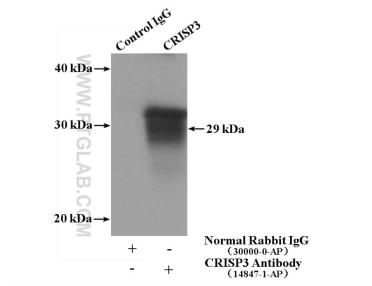
human saliva samples were subjected to SDS PAGE followed by western blot with 14847-1-AP (CRISP3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 14847-1-AP (CRISP3 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 14847-1-AP (CRISP3 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-CRISP3 (IP:14847-1-AP, 4ug; Detection:14847-1-AP 1:300) with human placenta tissue lysate 1520ug.