

For Research Use Only

KK-LC-1 Polyclonal antibody

Catalog Number: 25708-1-AP

3 Publications



Basic Information

Catalog Number: 25708-1-AP	GenBank Accession Number: BC062223	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop;	GeneID (NCBI): 203413	Recommended Dilutions: WB 1:500-1:3000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q5H943	
Isotype: IgG	Full Name: chromosome X open reading frame 61	
Immunogen Catalog Number: AG22619	Calculated MW: 13 kDa	
	Observed MW: 13 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Cited Applications: WB, IHC	WB : HeLa cells,
Species Specificity: human, mouse	IHC : human placenta tissue, human breast cancer tissue
Cited Species: human, mouse	
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

KK-LC-1 has been described as kita-kyushu lung cancer antigen 1, cancer/testis antigen 83. Therefore, KK-LC-1 is also known as CXorf61 and CT83. KK-LC-1 has been tested for association to diseases, such as adenocarcinoma and lung neoplasms. The molecular mass of KK-LC-1 is 13 kDa. Studies have shown that KK-LC-1 is an ideal target for immunotherapy of triple-negative breast cancer (TNBC) (PMID: 26327325).

Notable Publications

Author	Pubmed ID	Journal	Application
Siwei Pan	34678693	Int Immunopharmacol	IHC
Maosheng Cheng	38619620	Cancer Immunol Immunother	IHC
Jiawen Bu	37147285	Nat Commun	WB,IHC

Storage

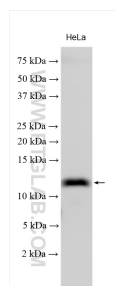
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

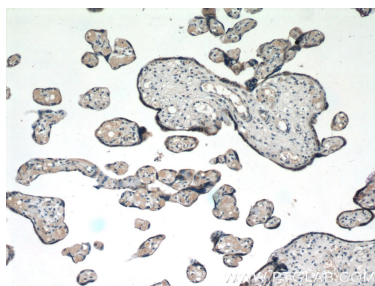
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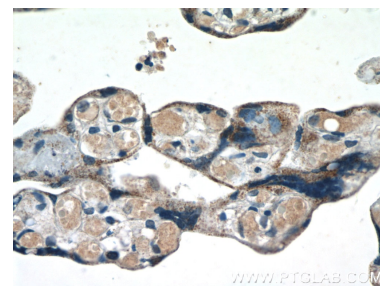
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 25708-1-AP (KK-LC-1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 25708-1-AP (KK-LC-1 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 25708-1-AP (KK-LC-1 Antibody) at dilution of 1:200 (under 40x lens).