

For Research Use Only

C7orf27 Polyclonal antibody

Catalog Number:31921-1-AP



Basic Information

Catalog Number: 31921-1-AP	GenBank Accession Number: BC015632	Purification Method: Antigen affinity Purification
Size: 950 ug/ml	GeneID (NCBI): 221927	Recommended Dilutions: WB 1:1000-1:8000 IHC 1:400-1:1600 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q6PJG6	
Isotype: IgG	Full Name: chromosome 7 open reading frame 27	
Immunogen Catalog Number: AG37056	Observed MW: 75 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : A431 cells, HEK-293 cells, Hela cells, Jurkat cells, U2OS cells
Species Specificity: human	IHC : human placenta tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IF/ICC : HEK-293 cells,

Background Information

C7orf27, also known as BRAT1, not only plays a role in DNA damage response, but also participates in the regulation of cell growth and apoptosis, which further regulates mitochondrial metabolism and tumorigenesis. Moreover, several studies have shown that BRAT1 mutations are associated with neurodevelopmental and neurodegenerative diseases.

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

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

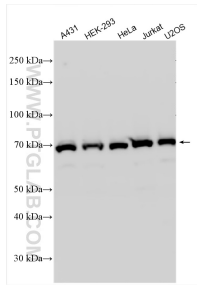
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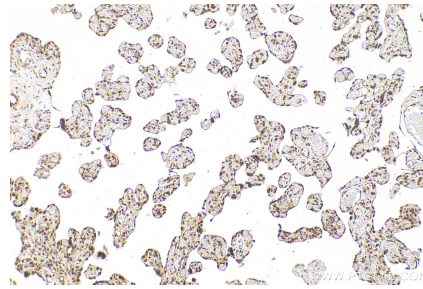
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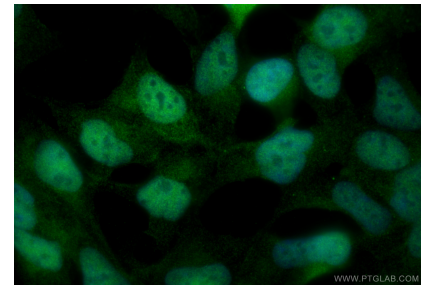
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31921-1-AP (C7orf27 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 31921-1-AP (C7orf27 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using C7orf27 antibody (31921-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).