

AGBL4 Polyclonal Antibody

Catalog NumberPA5-31572

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 158 and 441 of Human AGBL4	Immunocytochemistry (ICC/IF)	1:100-1:1,000
Conjugate	Unconjugated	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Form	Liquid		
Concentration	0.7 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	0.1M tris glycine, pH 7, with 20% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: A549, HepG2. Predicted reactivity: Mouse (93%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

Metalloprotease that mediates deglutamylation of target proteins. Catalyzes the deglutamylation of polyglutamate side chains generated by post-translational polyglutamylation in proteins such as tubulins. Also removes polyglutamates from the carboxy-terminus of target proteins such as MYLK. Mediates deglutamylation of CGAS, regulating the antiviral activity of CGAS. Acts as a long-chain deglutamylase and specifically shortens long polyglutamate chains, while it is not able to remove the branching point glutamate, a process catalyzed by AGBL5/CCP5. [UniProt]

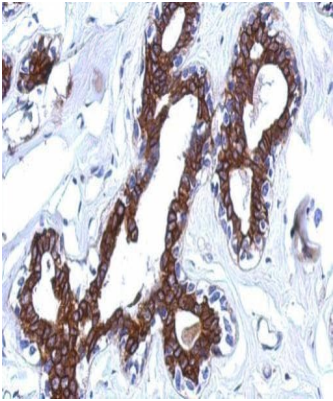
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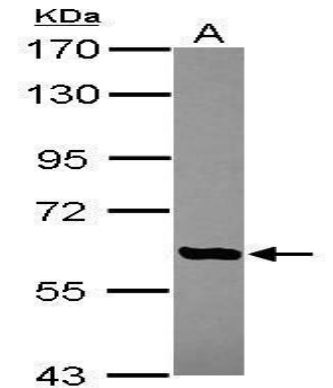
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Product Images For AGLB4 Polyclonal Antibody



AGLB4 Antibody (PA5-31572) in IHC (P)
Immunohistochemical analysis of paraffin-embedded human breast cancer, using AGLB4 (Product # PA5-31572) antibody at 1:500 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



AGLB4 Antibody (PA5-31572) in WB
Western Blot using AGLB4 Polyclonal Antibody (Product # PA5-31572). Sample (30 µg of whole cell lysate). Lane A: Hep G2 . 7.5% SDS PAGE. AGLB4 Polyclonal Antibody (Product # PA5-31572) diluted at 1:1,000.

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