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Performance guaranteed

STYXL1 Polyclonal Antibody

Catalog Number PA5-30426

Product data sheet

Details	
Size	100 µL
Host/Isotope	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Immunogen	Full length human STYXL1 Recombinant protein.
Conjugate	Unconjugated
Form	Liquid
Concentration	1 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.

Species Reactivity	
Species reactivity	Human

Tested Applications	Dilution *
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Western Blot (WB)	1:500-1:3,000

* 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.

Product specific information

Recommended positive controls: A549. Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

Catalytically inactive phosphatase (PubMed:20180778, PubMed:23163895). By binding to G3BP1, inhibits the formation of G3BP1-induced stress granules (PubMed:20180778, PubMed:23163895). Does not act by protecting the dephosphorylation of G3BP1 at 'Ser-149' (PubMed:23163895). Inhibits PTPMT1 phosphatase activity (PubMed:24709986). By inhibiting PTPMT1, positively regulates intrinsic apoptosis (PubMed:21262771). May play a role in the formation of neurites during neuronal development (PubMed:29250526). [UniProt]

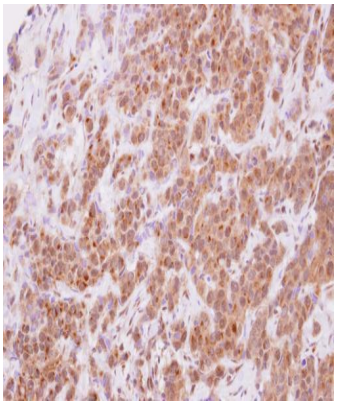
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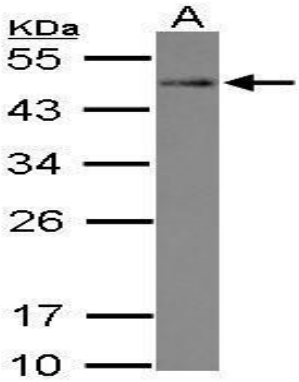
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Product Images For STYXL1 Polyclonal Antibody



STYXL1 Antibody (PA5-30426) in IHC (P)

Immunohistochemical analysis of paraffin-embedded human breast cancer, using STYXL1 (Product # PA5-30426) antibody at 1:500 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



STYXL1 Antibody (PA5-30426) in WB

Western Blot using STYXL1 Polyclonal Antibody (Product # PA5-30426). Sample (30 µg of whole cell lysate). Lane A: A549. 12% SDS PAGE. STYXL1 Polyclonal Antibody (Product # PA5-30426) diluted at 1:500.

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