

HAUS2 Polyclonal Antibody

Catalog NumberPA5-31258

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Western Blot (WB)	1:500-1:3,000
Type	Antibody	Immunocytochemistry (ICC/IF)	1:100-1:1,000
Immunogen	Full length human HAUS2 Recombinant protein.	* 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.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7, with 1% BSA, 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: 293T, A431, Jurkat, Raji. Predicted reactivity: Pig (82%), Rhesus Monkey (85%), Bovine (85%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

**Background/Target Information**

HAUS2 is 1 of 8 subunits of the 390-kD human augmin complex, or HAUS complex. The augmin complex was first identified in Drosophila, and its name comes from the Latin verb 'augmentare,' meaning 'to increase.' The augmin complex is a microtubule-binding complex involved in microtubule generation within the mitotic spindle and is vital to mitotic spindle assembly (Goshima et al., 2008 [PubMed 18443220]; Uehara et al., 2009 [PubMed 19369198]).

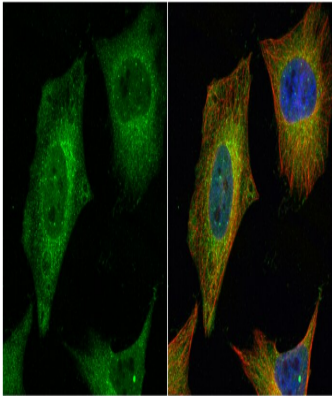
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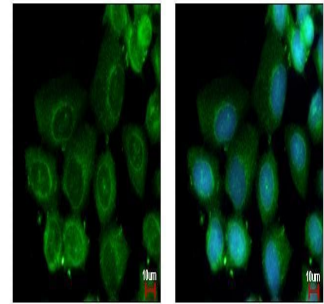
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Product Images For HAUS2 Polyclonal Antibody



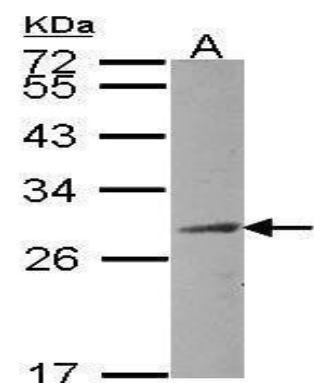
HAUS2 Antibody (PA5-31258) in ICC/IF

Immunocytochemistry-Immunofluorescence analysis of HAUS2 was performed in HeLa cells fixed in 4% paraformaldehyde at RT for 15 min. Green: HAUS2 Polyclonal Antibody (Product # PA5-31258) diluted at 1:1000. Red: alpha Tubulin, a cytoskeleton marker. Blue: Hoechst 33342 staining.



HAUS2 Antibody (PA5-31258) in ICC/IF

HAUS2 Polyclonal Antibody detects HAUS2 protein at cytoplasm by immunofluorescent analysis. Sample: A431 cells were fixed in ice-cold MeOH for 5 min. Green: HAUS2 protein stained by HAUS2 Polyclonal Antibody (Product # PA5-31258) diluted at 1:500. Blue: Hoechst 33343 staining.



HAUS2 Antibody (PA5-31258) in WB

Western Blot using HAUS2 Polyclonal Antibody (Product # PA5-31258). Sample (30 µg of whole cell lysate). Lane A: Raji. 12% SDS PAGE. HAUS2 Polyclonal Antibody (Product # PA5-31258) diluted at 1:1,000.

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