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anti-NYS48/HAUS8 antibody (N-Term)

2 Images



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Overview

Quantity:	100 μL
Target:	NYS48/HAUS8 (HAUS8)
Binding Specificity:	N-Term
Reactivity:	Human, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NYS48/HAUS8 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human HAUS8
Sequence:	QTRGKMSEGG RKSSLLQKSK ADSSGVGKGD LQSTLLEGHG TAPPDLDLSA
Predicted Reactivity:	Human: 100%, Pig: 75%
Characteristics:	This is a rabbit polyclonal antibody against HAUS8. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NYS48/HAUS8 (HAUS8)
Alternative Name:	HAUS8 (HAUS8 Products)
Background:	HAUS8 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]).
	Alias Symbols: HICE1, MGC20533, NY-SAR-48, DGT4
	Protein Interaction Partner: UBC, APP, HAUS6, HAUS5, Haus4, Haus1, Haus2, Plk1,
	Protein Size: 410
Molecular Weight:	45 kDa
Gene ID:	93323

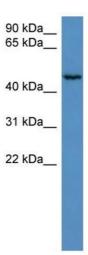
Molecular Weight:	45 kDa
Gene ID:	93323
NCBI Accession:	NM_033417, NP_219485
UniProt:	Q9BT25

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 410 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-HAUS8 Antibody Titration:

0.125ug/ml

ELISA Titer: 1:312500

Positive Control: Hela cell lysate



Rabbit Anti-HAUS8 Antibody Catalog Number: ARP59892 Lot Number: QC30812 Lane: Hela Cell Lysate

Antibody Titration: 0.125µg/ml Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-HAUS8

Antibody Titration: 0.125 µg/mL ELISA Titer: 1:.12500

Positive Control: Hela cell lysate