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HAUS5 Rabbit pAb

Catalog # AP99003

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	O94927
Other Accession	O94927
Predicted	Rat, Pig, Human, Mouse, Rabbit
Host	Rabbit
Clonality	Polyclonal
Calculated MW	71682
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human HAUS5
Epitope Specificity	351-450/633
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the HAUS5 family.
SUBUNIT	Component of the HAUS augmin-like complex. The complex interacts with the gamma-tubulin ring complex and this interaction is required for spindle assembly.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	HAUS5 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]).

Additional Information

Gene ID	23354
Other Names	KIAA0841; dgt5; HAUS5_HUMAN; HAUS5; HAUS augmin like complex subunit 5
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	HAUS5
Synonyms	KIAA0841
Function	Contributes to mitotic spindle assembly, maintenance of centrosome integrity and completion of cytokinesis as part of the HAUS augmin-like complex.
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Note=Localizes to interphase centrosomes and to mitotic spindle microtubules.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.