SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-HAUS3 antibody

Catalog Number: SL15414R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	HAUS3
Immunogen:	KLH conjugated synthetic peptide derived from human HAUS3: 1-100/603
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	ELISA=1:5000-10000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human, (predicted: Mouse, Rat)
Predicted MW.:	70kDa
Subcellular Location:	cytoplasmic
Background:	HAUS3 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]).[supplied by OMIM, Nov 2010] **Function:** Contributes to mitotic spindle assembly, maintenance of centrosome integrity and completion of cytokinesis as part of the HAUS augmin-like complex. **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. **Subcellular Location:** Cytoplasm, cytoskeleton, centrosome. Cytoplasm,

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

	cytoskeleton, spindle. Note=Localizes to interphase centrosomes and to mitotic spindle microtubules. **Similarity:** Belongs to the HAUS3 family. **Database links:** **Entrez Gene:** 79441 Human Omim: 613430 Human **SwissProt:** Q68CZ6 Human **Unigene:** 665869 Human

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.