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KLHDC8B Antibody (internal region)

Peptide-affinity purified goat antibody
Catalog # AF3400a

Specification

KLHDC8B Antibody (internal region) - Product Information

Application	**WB**
Primary Accession	Q8IXV7
Other Accession	NP_775817.1, 200942, 78267 (mouse), 306589 (rat)
Reactivity	**Human, Mouse**
Predicted	**Rat, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**37676**

KLHDC8B Antibody (internal region) - Additional Information

Gene ID 200942

Other Names
Kelch domain-containing protein 8B, KLHDC8B

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
KLHDC8B Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

KLHDC8B Antibody (internal region) - Protein Information

Name KLHDC8B {ECO:0000303|PubMed:19706467}

Function
Involved in pinching off the separated nuclei at the cleavage furrow and in cytokinesis (PubMed:20107318). Required for mitotic integrity and maintenance of chromosomal stability. Protects cells against mitotic errors, centrosomal amplification, micronucleus formation and aneuploidy. Plays a key role of midbody function involving abscission of the daughter cells during cytokinesis and appropriate chromosomal and nuclear segregation into the daughter cells (PubMed:<a

href="http://www.uniprot.org/citations/22988245" target="_blank">22988245, PubMed:23713010).

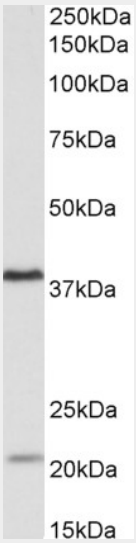
Cellular Location
Cytoplasm. Midbody. Note=In mitotic cells, concentrates in the midbody of the cytoplasmic bridge linking daughter cells as they are about to separate during cytokinesis.

KLHDC8B Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KLHDC8B Antibody (internal region) - Images



AF3400a (0.5 µg/ml) staining of Daudi lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

KLHDC8B Antibody (internal region) - References

Mutations in a gene encoding a midbody protein in binucleated Reed-Sternberg cells of Hodgkin lymphoma. Krem MM, Salipante SJ, Horwitz MS, Cell cycle (Georgetown, Tex.) 2010 Feb 9 (4): 670-5. PMID: 20107318