

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
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:22988245, PubMed:23713010).

Cellular Location

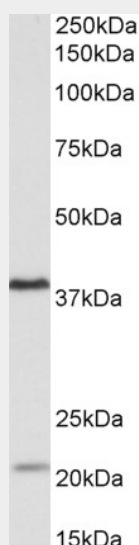
Cytoplasm. Midbody. Note=In mitotic cells, concentrates in the midbody of the cytoplasmic bridge linking daughter cells as they are about to separate during cytokinesis.

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 Cytometry](#)
- [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