Datasheet for ABIN6746071

anti-KIF25 antibody (AA 57-106)

1 Image | 2 Publications

Go to Product page

Overview

Quantity:	100 µL
Target:	KIF25
Binding Specificity:	AA 57-106
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF25 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Synthetic peptide located between aa57-106 of human KIF25 (Q9UIL4-2, NP_005346). Percent identity by BLAST analysis: Human, Monkey (100%), Gorilla (92%). Type of Immunogen: Synthetic peptide
Specificity:	Human KIF25
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%).
Purification:	Immunoaffinity purified

Target Details

Target:	KIF25
Alternative Name:	KIF25 (KIF25 Products)

Target Details

Background:	Name/Gene ID: KIF25 Synonyms: KIF25, Kinesin-like 3, Kinesin-like protein 3, Kinesin-like protein KIF25, Kinesin family member 25, KNSL3
Gene ID:	3834
NCBI Accession:	NP_005346
UniProt:	Q9UIL4

Application Details

Application Notes:	Approved: WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Publications

Product cited in:	Pan, Thomson: "Nanog and transcriptional networks in embryonic stem cell pluripotency." in: **Cell research**, Vol. 17, Issue 1, pp. 42-9, (2007) (PubMed).

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Publications

Nishimoto, Fukushima, Okuda, Muramatsu: "The gene for the embryonic stem cell coactivator UTF1 carries a regulatory element which selectively interacts with a complex composed of Oct-3/4 and Sox-2." in: **Molecular and cellular biology**, Vol. 19, Issue 8, pp. 5453-65, (1999) (PubMed).

Vigano, Staudt: "Transcriptional activation by Oct-3: evidence for a specific role of the POU-specific domain in mediating functional interaction with Oct-1." in: **Nucleic acids research**, Vol. 24, Issue 11, pp. 2112-8, (1996) (PubMed).

Yuan, Corbi, Basilico, Dailey: "Developmental-specific activity of the FGF-4 enhancer requires the synergistic action of Sox2 and Oct-3." in: **Genes & development**, Vol. 9, Issue 21, pp. 2635-45, (1995) (PubMed).

Okamoto, Okazawa, Okuda, Sakai, Muramatsu, Hamada: "A novel octamer binding transcription factor is differentially expressed in mouse embryonic cells." in: **Cell**, Vol. 60, Issue 3, pp. 461-72, (1990) (PubMed).

Images

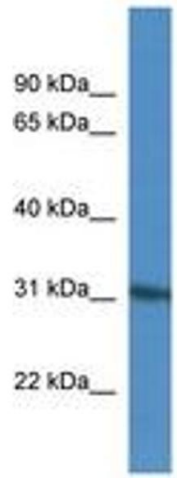

Image 1.