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Datasheet for ABIN1711983 **anti-KIF7 antibody (HRP)**

Overview

Quantity:	100 µL
Target:	KIF7
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KIF7 antibody is conjugated to HRP
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human KIF7
Isotype:	IgG
Purification:	Purified by Protein A.

Target Details

Target:	KIF7
Alternative Name:	Kif7 (KIF7 Products)
Background:	KIF7 is a 1,343 amino acid protein expressed in embryonic stem cells, melanotic melanoma and Jurkat T-cells. KIF7 is a member of the KIF27 subfamily of the kinesin-like protein family and contains one kinesin-motor domain. It is suggested that KIF7 may participate in the Hedgehog (Hh) signaling pathway by regulating the proteolysis and stability of GLI transcription factors. Hedgehog (Hh) signaling plays a critical role in embryonic development.

Target Details

Synonyms: EQYK340, k7, K7_HUMAN, kinesin family member 7, kinesin like protein K7, Kinesin-like protein k7, UNQ340.

Gene ID: 374654

Pathways: [Hedgehog Signaling](#)

Application Details

Application Notes: WB 1:100-1000
IHC-P 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % Gentamicin.

Preservative: Gentamicin sulfate

Precaution of Use: This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: 4 °C

Storage Comment: Store at 4°C

Expiry Date: 12 months