KIF1C Polyclonal Antibody

catalog number: **E-AB-11350**

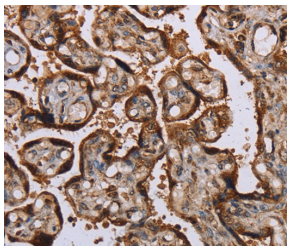
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

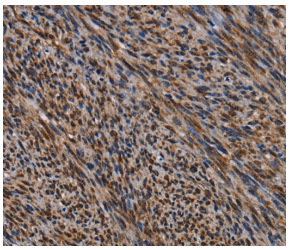
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant protein of human KIF1C
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
IHC	1:50-1:200

Data



Immunohistochemistry of paraffin-embedded Human placenta tissue using KIF1C Polyclonal Antibody at dilution 1:60



Immunohistochemistry of paraffin-embedded Human sarcoma tissue using KIF1C Polyclonal Antibody at dilution 1:60

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

The kinesins constitute a large family of microtubule-dependent motor proteins, which are responsible for the distribution of numerous organelles, vesicles and macromolecular complexes throughout the cell . Individual kinesin members play crucial roles in cell division, intracellular transport, and membrane trafficking events including endocytosis and transcytosis . KIF1C is a member of the KIF1/Unc104 family of kinesin-like proteins, which are involved in the transport of mitochondria or synaptic vesicles in axons . Human KIF1C maps to chromosome 17p13 and encodes a predicted 1,103 amino acid protein with abundant expression in heart and skeletal muscle . Tyrosine phosphorylation is a putative regulator of KIF1C mediated retrograde transport of Golgi vesicles to the endoplasmic reticulum. KIF1C is capable of forming homodimers and can noncovalently associate with 14-3-3 beta, gamma, epsilon and zeta . In mouse macrophages, KIF1C is required for anthrax lethal toxin resistance.

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