

## KIF17 Antibody

Catalog No: #37683

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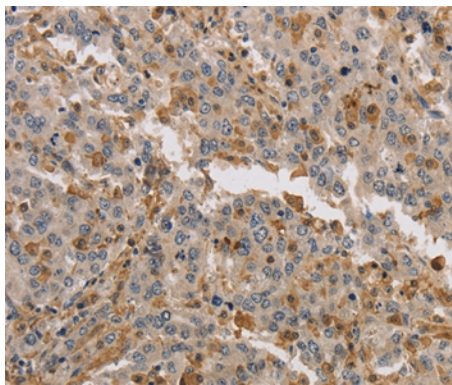
## Description

|                       |   |
|-----------------------|---|
| Product Name          | KIF17 Antibody  |
| Host Species          | Rabbit  |
| Clonality             | Polyclonal  |
| Purification          | Antigen affinity purification.  |
| Applications          | IHC   |
| Species Reactivity    | Hu  |
| Specificity           | The antibody detects endogenous levels of total KIF17 protein.                                    |
| Immunogen Type        | Peptide   |
| Immunogen Description | Synthetic peptide corresponding to residues near the C terminal of human kinesin family member 17 |
| Target Name           | KIF17   |
| Other Names           | KIF3X; KLP-2; OSM-3; KIF17B   |
| Accession No.         | Swiss-Prot#: Q9P2E2NCBI Gene ID: 57576Gene Accssion: NP_065867                                    |
| Uniprot               | Q9P2E2  |
| GeneID                | 57576;  |
| Concentration         | 2.2mg/ml  |
| Formulation           | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.                                   |
| Storage               | Store at -20°C  |

## Application Details

Immunohistochemistry: 1:50-1:200

## Images



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #37683 at dilution 1/40.

## 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 (1,2). Kinesins also play crucial roles in cell division, intracellular transport and membrane trafficking events including endocytosis and transcytosis (2,3). KIF 17 is a neuronal-specific kinesin that transports vesicles containing N-methyl-D-aspartate (NMDA) receptor 2B along microtubules.

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Note: This product is for in vitro research use only