



## Rabbit Anti-ZNF379 antibody

SL6200R

|                               |  |
|-------------------------------|--|
| <b>Product Name:</b>          | ZNF379   |
| <b>Chinese Name:</b>          | Zinc finger protein379抗体   |
| <b>Alias:</b>                 | CXorf11; DHHC9; Palmitoyltransferase ZDHHC9; ZDHHC 9; ZDHHC10; Zinc finger DHHC domain containing protein 9; Zinc finger protein 379; ZNF379; ZNF380; ZDHC9 HUMAN.   |
| <b>Organism Species:</b>      | Rabbit   |
| <b>Clonality:</b>             | Polyclonal   |
| <b>React Species:</b>         | Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,  |
| <b>Applications:</b>          | IHC-P=1:400-800IHC-F=1:400-800 (Paraffin sections need antigen repair)<br>not yet tested in other applications.<br>optimal dilutions/concentrations should be determined by the end user.  |
| <b>Molecular weight:</b>      | 40kDa  |
| <b>Cellular localization:</b> | cytoplasmicThe cell membrane   |
| <b>Form:</b>                  | Lyophilized or Liquid  |
| <b>Concentration:</b>         | 1mg/ml   |
| <b>immunogen:</b>             | KLH conjugated synthetic peptide derived from human ZNF379/ZDHHC9:118-155/364  |
| <b>Lsotype:</b>               | IgG  |
| <b>Purification:</b>          | affinity purified by Protein A   |
| <b>Storage Buffer:</b>        | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.   |
| <b>Storage:</b>               | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.  |
| <b>PubMed:</b>                | <a href="#">PubMed</a>   |
| <b>Product Detail:</b>        | This gene encodes an integral membrane protein that is a member of the zinc finger DHHC domain-containing protein family. The encoded protein forms a complex with golgin subfamily A member 7 and functions as a palmitoyltransferase. This protein specifically palmitoylates HRAS and NRAS. Mutations in this gene are associated with X-linked mental retardation. Alternate splicing results in multiple transcript variants that encode the same protein.[provided by RefSeq, May 2010]. |

**Function:**

The ZDHHC9-GOLGA7 complex is a palmitoyltransferase specific for HRAS and NRAS.

**Subunit:**

Interacts with GOLGA7.

**Subcellular Location:**

Endoplasmic reticulum membrane; Multi-pass membrane protein. Golgi apparatus membrane; Multi-pass membrane protein.

**Tissue Specificity:**

Highly expressed in kidney, skeletal muscle, brain, lung and liver. Absent in thymus, spleen and leukocytes.

**DISEASE:**

Defects in ZDHHC9 are the cause of mental retardation syndromic X-linked ZDHHC9-related (MRXSZ) [MIM:300799]. A disorder characterized by significantly sub-average general intellectual functioning associated with impairments in adaptive behavior and manifested during the developmental period. Some patients have marfanoid habitus as an additional feature.

**Similarity:**

Belongs to the DHHC palmitoyltransferase family. ERF2/ZDHHC9 subfamily. Contains 1 DHHC-type zinc finger.

**SWISS:**

Q9Y397

**Gene ID:**

51114

**Database links:**

[Entrez Gene: 51114](#)Human

[Entrez Gene: 208884](#)Mouse

[Entrez Gene: 302808](#)Rat

[Omim: 300646](#)Human

[SwissProt: Q9Y397](#)Human

[SwissProt: P59268](#)Mouse

[Unigene: 193566](#)Human

[Unigene: 207367](#)Mouse

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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