SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-ZNF379 antibody

Catalog Number: SL6200R

FOR RESEARCH USE ONLY

[DATASHEET]

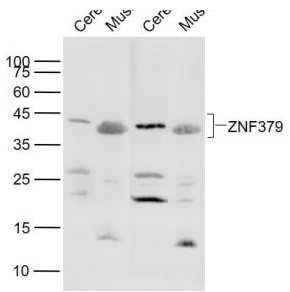
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	ZNF379
Immunogen:	KLH conjugated synthetic peptide derived from human ZNF379/ZDHHC9: 118-155/364
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse, Rat, (predicted: Human, Chicken, Dog, Pig, Cow, Horse, Rabbit)
Predicted MW.:	40kDa
Subcellular Location:	cytoplasmic The cell membrane
Background:	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.

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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	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 adaptative 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. **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

[VALIDATION IMAGES]



Sample:
Lane 1: Cerebrum (Mouse) Lysate at 40 ug
Lane 2: Muscle (Mouse) Lysate at 40 ug
Lane 3: Cerebrum (Rat) Lysate at 40 ug
Lane 4: Muscle (Rat) Lysate at 40 ug
Primary: Anti-ZNF379 (SL6200R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 40 kD
Observed band size: 40 kD

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