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LANCL2 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI14089

Product Information

Application	WB
Primary Accession	Q9NS86
Other Accession	NM_018697, NP_061167
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Chicken, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	50854

Additional Information

Gene ID	55915
Alias Symbol	GPR69B, MGC87139, TASP
Other Names	LanC-like protein 2, Testis-specific adriamycin sensitivity protein, LANCL2, GPR69B, TASP
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-LANCL2 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	LANCL2 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LANCL2
Synonyms	GPR69B, TASP
Function	Necessary for abscisic acid (ABA) binding on the cell membrane and activation of the ABA signaling pathway in granulocytes.
Cellular Location	Nucleus. Cytoplasm. Cell membrane Note=Localizes to the juxta-nuclear vesicles (PubMed:16979580) Associates with the cortical actin cytoskeleton (PubMed:16979580) Cholesterol depletion by methyl-beta-cyclodextrin causes partial dissociation from the cell membrane in vitro and an enhanced cell detachment from the matrix in vivo (PubMed:16979580). Membrane-

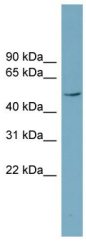
association is important for the increased cellular sensitivity to an anticancer drug (adriamycin) (PubMed:16979580)

Tissue Location Expressed in brain and testis.

References

Mayer H.,et al.DNA Seq. 12:161-166(2001).
Sugimoto Y.,et al.Submitted (DEC-1999) to the EMBL/GenBank/DDBJ databases.
Eley G.D.,et al.Submitted (FEB-2001) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 424:157-164(2003).

Images



WB Suggested Anti-LANCL2 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:1562500
Positive Control: Human Muscle

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.