10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

REP15 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15377

Product Information

Application	WB
Primary Accession	Q6BDI9
Other Accession	NM_001029874, NP_001025045
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	26571

Additional Information

Gene ID	387849
Alias Symbol	RAB15EP
Other Names	Rab15 effector protein, REP15
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-REP15 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	REP15 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

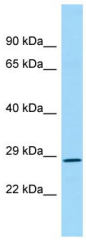
Protein Information

Name	REP15 (HGNC:33748)
Function	Effector that interacts with Rab GTPases in their active form (GTP-bound) including RAB15, RAB3A-D and RAB34. Controls downstream signaling such as cell proliferation and cell migration (PubMed:35871249). Also regulates transferrin receptor recycling from the endocytic recycling compartment (PubMed:16195351, PubMed:35871249).
Cellular Location	Early endosome membrane. Note=Colocalizes with RAB11 and RAB15 to the endocytic recycling compartment

References

Scherer S.E.,et al.Nature 440:346-351(2006).
Strick D.J.,et al.Mol. Biol. Cell 16:5699-5709(2005).

Images



WB Suggested Anti-REP15 Antibody Titration: 1.0 µg/ml
Positive Control: Fetal Kidney

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