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C11orf2 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15478

Product Information

Application	WB
Primary Accession	Q9UID3
Other Accession	NM_013265, NP_037397
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	86042

Additional Information

Gene ID	738
Alias Symbol	ANG2, ANG3, C11orf3, FFR, FLJ13879, FLJ36472, C11orf2
Other Names	Vacuolar protein sorting-associated protein 51 homolog, Another new gene 2 protein, Protein fat-free homolog, VPS51, ANG2, C11orf2, C11orf3, FFR
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-C11orf2 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	C11orf2 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	VPS51
Synonyms	ANG2, C11orf2, C11orf3, FFR
Function	Acts as a component of the GARP complex that is involved in retrograde transport from early and late endosomes to the trans-Golgi network (TGN). The GARP complex is required for the maintenance of protein retrieval from endosomes to the TGN, acid hydrolase sorting, lysosome function, endosomal cholesterol traffic and autophagy. VPS51 participates in retrograde transport of acid hydrolase receptors, likely by promoting tethering and SNARE-dependent fusion of endosome- derived carriers to the TGN (PubMed:20685960). Acts as a component of the EARP complex that is

	involved in endocytic recycling. The EARP complex associates with Rab4-positive endosomes and promotes recycling of internalized transferrin receptor (TFRC) to the plasma membrane (PubMed:25799061).
Cellular Location	Golgi apparatus, trans-Golgi network. Recycling endosome. Note=Localizes to the trans-Golgi network as part of the GARP complex, while it localizes to recycling endosomes as part of the EARP complex (PubMed:25799061)

References

Lemmens I.H.,et al.Genomics 49:437-442(1998).
Lemmens I.H.,et al.Submitted (MAY-2000) to the EMBL/GenBank/DDBJ databases.
Wan D.,et al.Proc. Natl. Acad. Sci. U.S.A. 101:15724-15729(2004).
Taylor T.D.,et al.Nature 440:497-500(2006).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).

Images



WB Suggested Anti-C11orf2 Antibody Titration: 1.0 µg/ml
Positive Control: 293T Whole CellVPS51 is supported by BioGPS gene expression data to be expressed in HEK293T

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