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PTAR1 Antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI15963

Product Information

Application	WB
Primary Accession	Q7Z6K3
Other Accession	NM_001099666, NP_001093136
Reactivity	Human, Mouse, Rat, Rabbit, Dog, Horse
Predicted	Human, Mouse, Rat, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46405

Additional Information

Gene ID	375743
Other Names	Protein prenyltransferase alpha subunit repeat-containing protein 1, PTAR1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 &mu, l of distilled water. Final Anti-PTAR1 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	PTAR1 Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

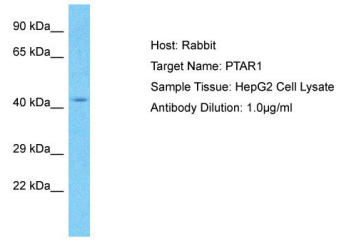
Protein Information

Name	PTAR1
Function	Substrate-recognition subunit of the geranylgeranyl transferase type 3 (GGTase-3) complex (PubMed:31209342, PubMed:32128853). The GGTase-3 complex geranylgeranylates and targets FBXL2 to the cellular membranes, where FBXL2 forms part of the E3 ubiquitin-protein ligase complex SCF(FBXL2) that mediates the degradation of membrane-anchored proteins (PubMed:31209342, PubMed:32128853). The GGTase-3 complex geranylgeranylates Golgi v-SNARE protein YKT6 at 'Cys-194' and this prenylation is required for Golgi SNARE complex assembly (PubMed:32128853).

References

Humphray S.J.,et al.Nature 429:369-374(2004).
Van Damme P.,et al.Proc. Natl. Acad. Sci. U.S.A. 109:12449-12454(2012).

Images



Host: Rabbit
Target Name: PTAR1
Sample Tissue: HepG2 Whole cell lysate
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Antibody Dilution: 1.0µg/ml

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