



REPS1 Monoclonal Antibody

Catalog No	YP-mAb-04116
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	REPS1
Protein Name	RalBP1-associated Eps domain-containing protein 1
Immunogen	The antiserum was produced against synthesized peptide derived from human REPS1. AA range:597-646
Specificity	REPS1 Monoclonal Antibody detects endogenous levels of REPS1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	REPS1; RalBP1-associated Eps domain-containing protein 1; RalBP1-interacting protein 1
Observed Band	80kD
Cell Pathway	Membrane, clathrin-coated pit . Colocalize with ITSN1 at the plasma membrane in structures that are most probably clathrin-coated pits.
Tissue Specificity	Widely expressed with highest levels in heart and testis.
Function	function:May coordinate the cellular actions of activated EGF receptors and Ral-GTPases.,PTM:EGF stimulates phosphorylation on Tyr-residues.,similarity:Contains 1 EF-hand domain.,similarity:Contains 1 EH domain.,subunit:Homodimer (Potential). Interacts with RAB11FIP2. Interacts with RALBP1, CRK and GRB2. Binding to RALBP1 does not affect its Ral-binding activity. Forms a complex with the SH3 domains of CRK and GRB2 which may link it to an EGF-responsive tyrosine kinase.,
Background	This gene encodes a signaling adaptor protein with two EH domains that interacts with proteins that participate in signaling, endocytosis and cytoskeletal changes. The encoded protein has been found in association with intersectin 1 and Src homology 3-domain growth factor receptor-bound 2-like (endophilin) interacting protein 1 when intersectin 1 was isolated from clathrin-coated pits. The encoded protein has also been shown to interact with amphiphysin, a cytoplasmic



protein at the surface of synaptic vesicles. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2014],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

**Rat
Heart**

Western Blot analysis of various cells using REPS1
Monoclonal Antibody

REPS1

