



REPS1 (phospho-Ser709) rabbit pAb

Catalog No	YP-Ab-03638
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC
Gene Name	REPS1
Immunogen	Synthesized phosho peptide around human REPS1 (Ser709)
Specificity	This antibody detects endogenous levels of Human REPS1 (phospho-Ser709)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RALBP1;RalBP1 associated Eps domain containing protein 1;RalBP1 interacting protein 1;RalBP1-associated Eps domain-containing protein 1; RalBP1-interacting protein 1;REPS1;REPS1_HUMAN;REPS1 (Ser709);RalBP1-associated Eps domain-containing protein 1 (RalBP1-interacting protein 1)
Observed Band	80kD
Calculated Molecular Weight	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],

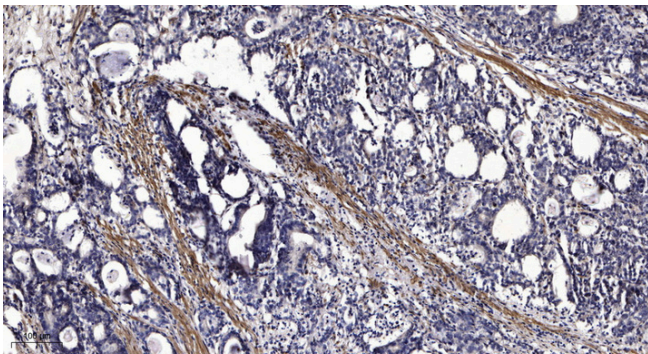
matters needing attention

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



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).