

REPS1 (Phospho Ser709) rabbit pAb

Catalog No: YP1464

Reactivity: Human;Rat;Mouse;

Applications: WB;IHC

Target: REPS1

Gene Name: REPS1

Protein Name: REPS1 (Ser709)

Q96D71

O54916

Human Gene Id: 85021

Human Swiss Prot

No:

Mouse Gene ld: 19707

Mouse Swiss Prot

No:

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

Dilution: WB 1:500-2000;IHC 1:50-300

Purification: The antibody was affinity-purified from rabbit serum by affinity-chromatography

using specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

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Observed Band: 80kD

Location:

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],

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.,

Subcellular Membrane, clathrin-coated pit . Colocalize with ITSN1 at the plasma membrane

in structures that are most probably clathrin-coated pits.

Expression: Widely expressed with highest levels in heart and testis.

Sort : 14388

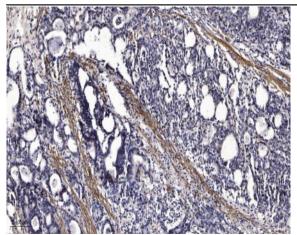
No4: 1

Host: Rabbit

Modifications: Phospho

Products Images

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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).