



SH2D3 Polyclonal Antibody

Catalog No	YP-Ab-06165
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	SH2D3C NSP3 UNQ272/PRO309/PRO34088
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SH2D3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CHAT;Novel SH2 containing protein 3;NSP3;PRO34088;SH2 domain containing 3C;SH2D3C;SH2D3;SH2D3C NSP3 UNQ272/PRO309/PRO34088;SH2 domain-containing protein 3C (Novel SH2-containing protein 3)
Observed Band	94 kDa, 86 kDa, 77 kDa
Calculated Molecular Weight	77 kDa
Cell Pathway	Cytoplasm . Cell membrane ; Peripheral membrane protein . Cell projection, axon . Cell projection, ruffle membrane . Associated with the membrane when EGF-stimulated (By similarity). Expressed at the cortical actin ring in B cells (By similarity). .; [Isoform 1]: Cell membrane ; Peripheral membrane protein .
Tissue Specificity	[Isoform 1]: Ubiquitously expressed.
Function	function:Eph receptor-binding protein which may be a positive regulator of TCR signaling. Binding to BCAR1 is required to induce membrane ruffling and promote EGF-dependent cell migration.,similarity:Contains 1 Ras-GEF domain., similarity:Contains 1 SH2 domain.,subcellular location:Associated with the membrane when EGF-stimulated. Found at ruffling membranes., subunit:Interacts with PTK2B. Isoform 2 interacts with BCAR1/CAS and NEDD9/HEF1.,tissue specificity:Ubiquitously expressed.,

**Background**

This gene encodes an adaptor protein and member of a cytoplasmic protein family involved in cell migration. The encoded protein contains a putative Src homology 2 (SH2) domain and guanine nucleotide exchange factor-like domain which allows this signaling protein to form a complex with scaffolding protein Crk-associated substrate. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011],

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