Datasheet for ABIN716225

anti-SH3KBP1 antibody (AA 591-665) (HRP)

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Overview

Quantity:	100 µL
Target:	SH3KBP1
Binding Specificity:	AA 591-665
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SH3KBP1 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SH3KBP1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SH3KBP1
Alternative Name:	SH3KBP1 (SH3KBP1 Products)
Background:	Synonyms: Cbl interacting protein, Cbl interacting protein of 85 kDa, CD2 binding protein 3,

Target Details

	CD2BP3, CIN 85, CIN85, GIG 10, GIG10, HSB 1, Human Src family kinase binding protein 1, MIG 18, MIG18, Migration inducing gene 18 protein, SH3 domain kinase binding protein 1, SH3BP 1, Src family kinase binding protein 1, src related kinase binding protein 1, SH3K1_HUMAN. Background: SH3KBP1 belongs to the CIN85/CMS family of adaptor molecules, characterized by containing three N-terminal Src homology domains, a proline rich region and a C-terminal coiled-coil domain. The different members of the family orchestrate a network involved in dowregulation and degradation of recpetor tyrosine kinases. SH3KBP1 is involved in regulating diverse signal transduction pathways. Involved in the regulation of endocytosis and lysosomal degradation of ligand-induced receptor tyrosine kinases, including EGFR and MET/hepatocyte growth factor receptor, through a association with CBL and endophilins. In the case of EGF receptor turnover, its activation involves recruitment of SH3KBP1- endophilin complexes to mediate internalization. Once internalized, RTKs are delivered into the endosomal compartment where receptors get sorted for either recycling back to the cell surface or are targeted to lysosomes for degradation. Alternate splicing results in multiple transcript variants.
Gene ID:	30011
Pathways:	EGFR Signaling Pathway, EGFR Downregulation

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish

Handling

	peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months