

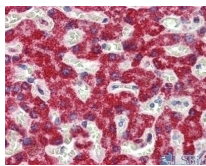


SH3BP2 Antibody

Cat. No.: 27-092



SH3BP2 Antibody



Antibody used in IHC on Human Liver.



Antibody used in WB on Human 721_B cells at 1 ug/ml.

Ψ Specifications

HOST SPECIES:	Rabbit
SPECIES REACTIVITY:	Human, Mouse, Rat
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human SH3BP2.
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	SH3BP2 antibody can be used for detection of SH3BP2 by ELISA at 1:1562500. SH3BP2 antibody can be used for detection of SH3BP2 by western blot at 1 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
POSITIVE CONTROL:	1) 721_B Cell Lysate
PREDICTED MOLECULAR WEIGHT:	62 kDa

Ψ Properties

PURIFICATION:	Antibody is purified by peptide affinity chromatography method.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated
PHYSICAL STATE:	Liquid
BUFFER:	Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
CONCENTRATION:	batch dependent
STORAGE CONDITIONS:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store SH3BP2 antibody at -20 °C. As with any antibody avoid repeat freeze-thaw cycles.

Additional Info

OFFICIAL SYMBOL:	SH3BP2
ALTERNATE NAMES:	SH3BP2, 3BP2, CRBM, CRPM, FLJ42079, RES4-23, 3BP-2
ACCESSION NO.:	NP_003014
PROTEIN GI NO.:	170014703
GENE ID:	6452
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.

Background and References

BACKGROUND:	SH3BP2 has an N-terminal pleckstrin homology (PH) domain, an SH3-binding proline-rich region, and a C-terminal SH2 domain. The protein binds to the SH3 domains of several proteins including the ABL1 and SYK protein tyrosine kinases, and functions as a cytoplasmic adaptor protein to positively regulate transcriptional activity in T, natural killer (NK), and basophilic cells. Mutations in this gene result in cherubism.
REFERENCES:	1) Idowu, B.D., (2008) Br J Oral Maxillofac Surg 46 (3), 229-230.

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