

Human SH3 Domain-Binding Protein 2 (SH3BP2) ELISA Kit | SH3BP2 elisa kit

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CATALOG #
AAA330879

REACTIVITY
Human

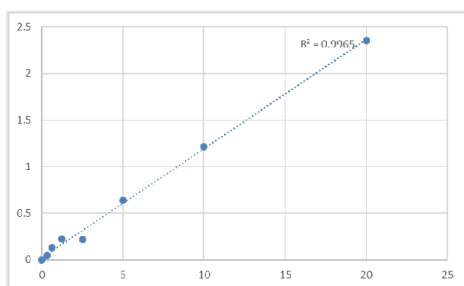
PRODUCT SYNONYMS

SH3 Domain-Binding Protein 2 (SH3BP2); Human SH3 Domain-Binding Protein 2 (SH3BP2) ELISA Kit; SH3BP2; 3BP2; CRBM; CRPM; FLJ42079; FLJ54978; RES4-23; Abl-SH3 binding protein 2; TNFAIP3 interacting protein 2; SH3BP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human SH3 domain-binding protein 2 (SH3BP2) ELISA Kit has high sensitivity and excellent specificity for detection of Human SH3BP2. No significant cross-reactivity or interference between Human SH3BP2 and analogues was observed.
Sequence Length	561
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human SH3 domain-binding protein 2 (SH3BP2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SH3BP2 elisa kit	Description: This Human SH3 domain-binding protein 2 (SH3BP2) ELISA Kit employs a two-site sandwich ELISA to quantitate SH3BP2 in samples. An antibody specific for SH3BP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SH3BP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SH3BP2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SH3BP2 bound in the initial step. The color development is stopped and the intensity of the color is measured. 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. Multiple transcript variants encoding different isoforms have been found for this gene. The deduced 561-residue protein contains an Src homology 2 (SH2) domain, an Src homology 3 (SH3)-binding domain, and a pleckstrin homology domain, suggesting a possible role in signal transduction.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	170014703
NCBI GeneID	6452
NCBI Accession #	NP_003014
NCBI GenBank Nucleotide #	NP_003014.3
UniProt Accession #	P78314
NCBI Official Full Name	SH3 domain-binding protein 2 isoform a
NCBI Official Synonym Full Names	SH3 domain binding protein 2
NCBI Official Symbol	SH3BP2
NCBI Official Synonym Symbols	3BP2; CRBM; CRPM; 3BP-2; RES4-23
NCBI Protein Information	SH3 domain-binding protein 2
UniProt Protein Name	SH3 domain-binding protein 2
UniProt Gene Name	SH3BP2
UniProt Synonym Gene Names	3BP2; 3BP-2
UniProt Entry Name	3BP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/sh3-domain-binding-protein-2-sh3bp2/330879>