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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56546_P050-Biotin
Product Page	www.avivasysbio.com/sh3bp2-antibody-middle-region-biotin-arp56546-p050-biotin.html
Name	SH3BP2 Antibody - middle region : Biotin (ARP56546_P050-Biotin)
Protein Size (# AA)	561 amino acids
Molecular Weight	62kDa
Conjugation	Biotin
NCBI Gene Id	6452
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	SH3-domain binding protein 2
Alias Symbols	3BP2, CRBM, CRPM, 3BP-2, RES4-23
Peptide Sequence	Synthetic peptide located within the following region: RQPSQADTGGDDSEDEYEVPLPNSVVFVNTTESCEVERLFKATSPRGEPO
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Idowu,B.D., (2008) Br J Oral Maxillofac Surg 46 (3), 229-230
Description of Target	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.
Protein Interactions	RNF146; TNKS2; PDLIM7; TNKS; UBC; ERBB2; VAV1; SYK; SRC; CBL; SH3KBP1; DBNL; VAV3; LAT; VAV2; PLCG2; TF; ABL1; ZAP70; PLCG1; LCK; YWHAQ; FYN; FLT3; FGFR1; GRB2;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-SH3BP2 (ARP56546_P050-Biotin) antibody
Additional Information	IHC Information: Liver, Human: Formalin-Fixed, Paraffin-Embedded (FFPE) IHC Information: Liver, Human: Formalin-Fixed, Paraffin-Embedded (FFPE)
Blocking Peptide	For anti-SH3BP2 (ARP56546_P050-Biotin) antibody is Catalog # AAP56546 (Previous Catalog # AAPP34114)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SH3BP2
Uniprot ID	P78314
Protein Name	SH3 domain-binding protein 2
Sample Type Confirmation	SH3BP2 is strongly supported by BioGPS gene expression data to be expressed in 721_B
Protein Accession #	NP_003014
Purification	Affinity Purified
Nucleotide Accession #	NM_003023
Gene Symbol	SH3BP2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit
Application	IHC, WB

Predicted Homology Based on Immunogen Sequence	Cow: 85%; Dog: 93%; Guinea Pig: 93%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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