

Datasheet for ABIN2786764

**anti-SH3BP2 antibody (Middle Region)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	SH3BP2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SH3BP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SH3BP2
Sequence:	RQPSQADTGG DDSDEYDKV PLPNSVFNVT TESCEVERLF KATSPRGEPQ
Predicted Reactivity:	Cow: 85%, Dog: 93%, Guinea Pig: 93%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SH3BP2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	SH3BP2
Alternative Name:	SH3BP2 ( <a href="#">SH3BP2 Products</a> )

## Target Details

Background:	<p>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.</p> <p>Alias Symbols: 3BP2, CRBM, CRPM, FLJ42079, RES4-23, 3BP-2</p> <p>Protein Interaction Partner: 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,</p> <p>Protein Size: 561</p>
Molecular Weight:	62 kDa
Gene ID:	6452
NCBI Accession:	<a href="#">NM_003023</a> , <a href="#">NP_003014</a>
UniProt:	<a href="#">P78314</a>
Pathways:	<a href="#">TCR Signaling</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 561 AA
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

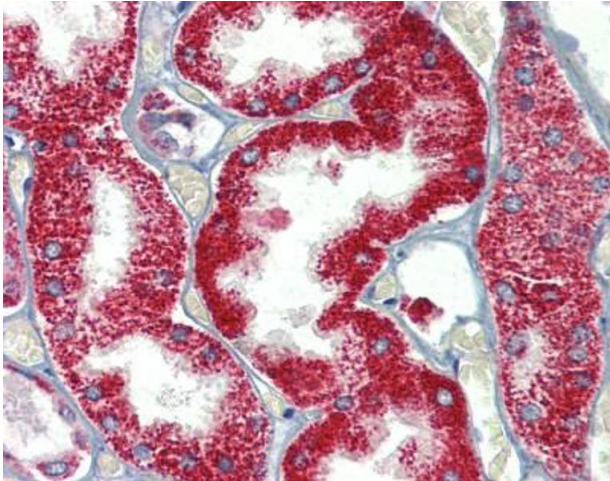
Handling

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Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

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**Immunohistochemistry**

**Image 1.**