

Datasheet for ABIN306729

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

Overview

Quantity:	250 µg
Target:	SH3BP2
Reactivity:	Mouse
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This SH3BP2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Antibody developed using SH2 domain of the 3BP2 protein fused to GST.
Isotype:	IgG
Cross-Reactivity:	Mouse
Characteristics:	Sh3bp2, SH3 domain-binding protein 2, 3BP2 (SH3 binding protein 2) was identified as a protein binding to the SH3 domain of the Abl proto-oncogene. Murine 3BP2 cDNA encodes a 559 amino acid protein of 85 kDa consisting of an N-terminal PH domain, a C-terminal SH2 domain and intervening proline-rich sequences. 3BP2 interacts via its Sh2 domain with Syk family protein tyrosine kinases Syk, Zap70, Grb2, Cbl, PLC 1 and LAT in T lymphocytes and contributes to the transcriptional activation of NF-AT and AP-1. Mouse 3BP2 is 66 % homologous to the human protein at the amino acid level.
Purification:	Ammonium Sulfate Precipitation

Target Details

Target:	SH3BP2
Alternative Name:	3BP2 (SH3 Binding Protein 2) (SH3BP2 Products)
UniProt:	Q06649
Pathways:	TCR Signaling

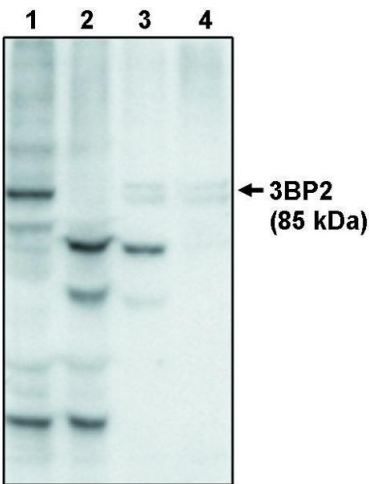
Application Details

Application Notes:	Detects 3BP2 protein by Western blot analysis. Detects a 85 kDa band in murine fibroblasts transfected with 3BP2. Optimal concentration should be evaluated by serial dilutions.
Restrictions:	For Research Use only

Handling

Buffer:	Provided as solution in phosphate buffered saline with 0.08 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

Images



Western Blotting

Image 1. Western blot analysis using anti-3BP2 at 10 µg/ml on recombinant full length 3BP2 protein (1), 3BP2 protein minus the PH domain (2), 3BP2 protein minus the PR domain (3) and 3BP2 protein minus the SH2 domain (4).