

Product datasheet for **AP05082PU-N**

SH3BP2 Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blot: Detects a 85 kDa band in murine fibroblasts transfected with 3BP2.
Reactivity:	Mouse
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Antibody developed using SH2 domain of the 3BP2 protein fused to GST.
Specificity:	This antibody reacts to 3BP2.
Formulation:	Phosphate buffered saline and 0.08% sodium azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	The antibody can be shipped at ambient temperature. Store (in aliquots) at -20°C only. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	SH3 domain binding protein 2
Database Link:	Entrez Gene 24055 Mouse P78314
Background:	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, PLCg 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.
Synonyms:	SH3 domain-binding protein 2, SH3BP-2, 3BP2, 3BP-2

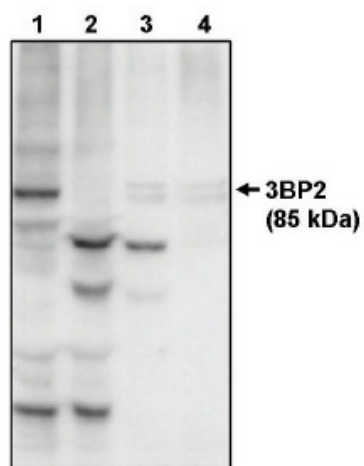


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Protein Families: Druggable Genome

Protein Pathways: Natural killer cell mediated cytotoxicity

Product images:



Western blot analysis using anti-3BP2 at 10 ug/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).