



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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**3BP2 (SH3 Binding Protein 2). Sheep Polyclonal Antibody**

**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, PLC $\gamma$ 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.

**ORDERING INFORMATION**

**CATALOG NUMBER**  
X1090P

**SIZE**

250  $\mu$ g

**FORM**

Unconjugated

**HOST/CLONE**

Sheep

**FORMULATION**

Provided as solution in phosphate buffered saline with 0.08% sodium azide

**CONCENTRATION**

See vial for concentration

**ISOTYPE**

IgG

**APPLICATIONS**

Western Blot

**SPECIES REACTIVITY**

Mouse

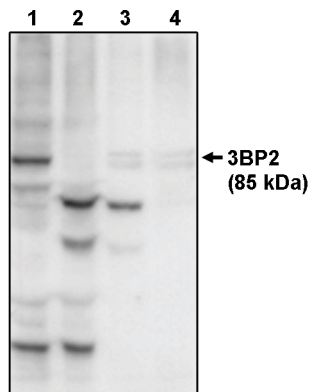
**ACCESSION NUMBER**

Q06649, Human

**IMMUNOGEN**

Antibody developed using SH2 domain of the 3BP2 protein fused to GST.

Western blot analysis using anti-3BP2 at 10  $\mu$ g/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).



**POSITIVE CONTROL/TISSUE EXPRESSION**

Recombinant 3BP2 protein

**COMMENTS**

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.

**PURIFICATION**

Ammonium Sulfate Precipitation

**SHIP CONDITIONS**

Ship at ambient temperature, freeze upon arrival

**STORAGE CUSTOMER**

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

**STABILITY**

Products are stable for one year from purchase when stored properly

**REFERENCES**

1. Decker, M., et al. Adaptor function for the Syk kinases-interacting protein 3BP2 in IL-2 gene activation. *Immunity* 1998, 9, 595-605
2. Songyang, Z., et al. Specific motifs recognized by the SH2 domains of Csk, 3BP2, fps/fes, GRB-2, HCP, SHC, Syk and Vav. *Mol. Cell Biol.* 1994, 14, 2777-2785