



## 3BP1 rabbit pAb

Cat No.:ES10250

For research use only

### Overview

Product Name	3BP1 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 170-250
Specificity	3BP1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20℃ . Avoid repeated freeze-thaw cycles.
Protein Name	SH3 domain-binding protein 1 (3BP-1)
Gene Name	SH3BP1
Cellular localization	Cell projection . Cell junction, tight junction . Cell junction, adherens junction . Cell projection, phagocytic cup . Nucleus . Cytoplasm, cytosol . Localizes at the leading edge of migrating cells (PubMed:21658605, PubMed:24841563). Accumulation at forming phagocytic cups is PI3 kinase/PI3K-dependent and is specific for sites of large particles engagement and their phosphatidylinositol 3,4,5-triphosphate membrane content (PubMed:26465210). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	77kD
Human Gene ID	23616
Human Swiss-Prot Number	Q9Y3L3
Alternative Names	





## Background

function: Binds differentially to the SH3 domains of certain proteins of signal transduction pathways. This protein binds preferentially to the ABL1 proto-oncogene, SRC and GRB2. Shows GAP activity for Rac-related proteins but not for Rho- or Ras-related proteins. It inhibits PDGF-induced membrane ruffling mediated by Rac., sequence caution: Translated as Cys., similarity: Contains 1 BAR domain., similarity: Contains 1 Rho-GAP domain.,

