

Product name:	Mac-2BP Rabbit Polyclonal Antibody
Cat number:	ABN13541
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Synthetic peptide from human protein at AA range: 100-160
Reactivity:	Human, Mouse
Applications:	WB 1:500-1:2000, ELISA 1:10000-1:20000
Molecular Weight:	65kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. LGALS3BP has been found elevated in the serum of patients with cancer and in those infected by the human immunodeficiency virus (HIV). It appears to be implicated in immune response associated with natural killer (NK) and lymphokine-activated killer (LAK) cell cytotoxicity. Using fluorescence in situ hybridization the full length 90K cDNA has been localized to chromosome 17q25. The native protein binds specifically to a human macrophage-associated lectin known as Mac-2 and also binds galectin 1. [provided by RefSeq, Jul 2008], function: Promotes integrin-mediated cell adhesion. May stimulate host defense against viruses and tumor cells., similarity: Contains 1 BACK (BTB/Kelch associated) domain., similarity: Contains 1 BTB (POZ) domain., similarity: Contains 1 SRCR domain., subunit: Homodimers and homomultimers. The multimers form ring-like structures with a diameter of 30-40 nm. Binds LGALS1 and LGALS3. Binds ITGB1, COL4A1, COL5A1, COL6A1, FN1 and NID., tissue specificity: Ubiquitous. Detected in body fluids such as semen, milk, serum, tears, saliva and urine. Expressed by keratinocytes and fibroblasts.,