

Datasheet for ABIN2785877
anti-LGALS3BP antibody (Middle Region)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	LGALS3BP
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LGALS3BP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human LGALS3BP
Sequence:	NLSLYWSHEA LFQKKTLQAL EFHTVPFQLL ARYKGLNLTE DTYKPRIYTS
Predicted Reactivity:	Cow: 83%, Dog: 83%, Human: 100%, Mouse: 100%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against LGALS3BP. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	LGALS3BP
Alternative Name:	LGALS3BP (LGALS3BP Products)

Target Details

Background:	<p>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. The native protein binds specifically to a human macrophage-associated lectin known as Mac-2 and also binds galectin 1. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: 90K, MAC-2-BP, BTBD17B</p> <p>Protein Interaction Partner: GIGYF2, PRRC2C, CCT5, TUBB, CRTC2, RAVR1, TUBA1C, ENAH, CEP55, XRN2, CEP250, MAGED2, CCT8, CCT2, CCT4, CCT7, TUBGCP3, TUBB4B, TRAP1, BAG2, RPL23, IRS4, TUBA1A, MOGS, CCT3, TCP1, RPS4X, RPL38, HSPD1, HSP90AB1, HSP90AA1, HSPA8, HSPA5, HSPA1A, HNRNPU, CCT6A</p> <p>Protein Size: 585</p>
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Molecular Weight:	63 kDa
Gene ID:	3959
NCBI Accession:	NM_005567 , NP_005558
UniProt:	Q08380

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 585 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
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Handling

Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

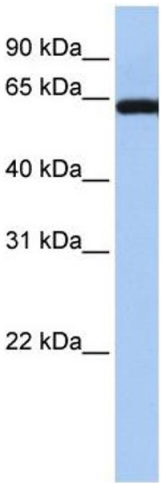
Images

LGALS3BP



Western Blotting

Image 1. Host: Rabbit Target Name: LGALS3BP Sample
Tissue: Human Fetal Lung Antibody Dilution: 1.0ug/ml



Western Blotting

Image 2. WB Suggested Anti-LGALS3BP Antibody Titration:
0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human
brain