CBP 35 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CBP 35, Polyclonal Antibody
Full Product Name	CBP 35 Rabbit pAb
Product Gene Name	anti-CBP 35 antibody
Product Synonym Names	LGALS3; MAC2; Galectin-3; Gal-3; 35 kDa lectin; Carbohydrate-binding protein 35; CBP 35; Galactose-specific lectin 3; Galactoside-binding protein; GALBP; IgE-binding protein; L-31; Laminin-binding protein; Lectin L-29; Mac-2 antigen; LGALS3
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Purity/Purification	Affinity Purified
Preparation and Storage	Store at -20 degree C for 1 year.
OMIM	153619
3D Structure	ModBase 3D Structure for P17931
Immunogen	Synthesized peptide derived from CBP 35. at AA range: C-TERM
Cellular Localization	Cytoplasm, Nucleus, Secreted, Spliceosome
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CBP 35 antibody	Western Blot (WB), Immunohistochemistry (IHC) Paraffin, ELISA (EIA)
Application Notes for anti-CBP 35 antibody	WB: 1:500-1:2000 IHC-P: 1:100-300 ELISA: 1:20000
Related Product Information for anti-CBP 35 antibody	MBS8540027 is an antibody targeting CBP 35. Also known as CBP 35 Rabbit pAb. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-CBP 35 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CBP 35. It may not necessarily be applicable to this product.

NCBI GI #	115430223
NCBI GeneID	3958
NCBI Accession #	NP_002297.2
UniProt Primary Accession #	P17931
UniProt Related Accession #	P17931

GenBank Nucleotide #	NP_002297.2
NCBI Official Full Name	galectin-3 isoform 1
NCBI Official Synonym Full Names	galectin 3
NCBI Official Symbol	LGALS3
NCBI Official Synonym Symbols	L31; GAL3; MAC2; CBP35; GALBP; GALIG; LGALS2
UniProt Protein Name	Galectin-3
UniProt Synonym Protein Names	35 kDa lectin; Carbohydrate-binding protein 35; CBP 35; Galactose-specific lectin 3; Galactoside-binding protein; GALBP; IgE-binding protein; L-31; Laminin-binding protein; Lectin L-29; Mac-2 antigen
UniProt Gene Name	LGALS3
UniProt Synonym Gene Names	MAC2; Gal-3; CBP 35; GALBP
UniProt Entry Name	LEG3_HUMAN
NCBI Protein Information	galectin-3
NCBI Summary for CBP 35	This gene encodes a member of the galectin family of carbohydrate binding proteins. Members of this protein family have an affinity for beta-galactosides. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands. This protein localizes to the extracellular matrix, the cytoplasm and the nucleus. This protein plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion and T-cell regulation. The protein exhibits antimicrobial activity against bacteria and fungi. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Oct 2014]
UniProt Comments for CBP 35	Galectin-3: galactose-specific lectin which binds IgE. Expressed at a high level in the colonic epithelium. Also abundant in activated macrophages. Protein type: Cell surface; Motility/polarity/chemotaxis; Extracellular matrix Chromosomal Location of Human Ortholog: 14q22.3 Cellular Component: extracellular matrix; spliceosome; extracellular space; proteinaceous extracellular matrix; membrane; mitochondrial inner membrane; cytoplasm; plasma membrane; immunological synapse; nucleus; external side of plasma membrane Molecular Function: protein binding; laminin binding; IgE binding; carbohydrate binding; chemoattractant activity Biological Process: monocyte chemotaxis; neutrophil chemotaxis; extracellular matrix organization and biogenesis; epithelial cell differentiation; positive chemotaxis; RNA splicing; negative regulation of endocytosis; regulation of T cell proliferation; eosinophil chemotaxis; negative regulation of T cell receptor signaling pathway; innate immune response; mRNA processing; skeletal development; macrophage chemotaxis
Research Articles on CBP 35	**1.** Elevated galectin-3 predicts postoperative acute kidney injury following cardiac surgery.
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