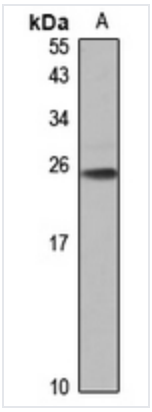
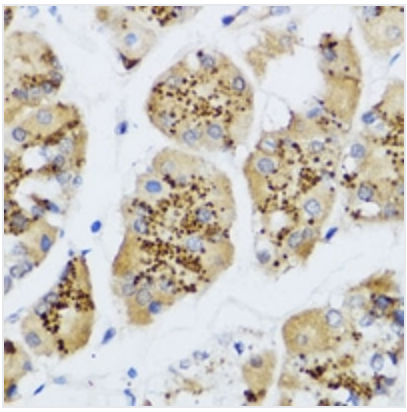
CHIC2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CHIC2, Polyclonal Antibody
Full Product Name	Anti-CHIC2 Antibody
Product Gene Name	anti-CHIC2 antibody
Product Synonym Names	BTL; Cysteine-rich hydrophobic domain 2 protein; BrX-like translocated in leukemia
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Specificity	Recognizes endogenous levels of CHIC2 protein.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.
Molecular Weight	19,254 Da
Chromosome Location	Chromosome: 4; NC_000004.11 (54874540..54931562, complement). Location: 4q11
OMIM	604332
3D Structure	ModBase 3D Structure for Q9UKJ5
Immunogen	Recombinant fusion protein of human CHIC2. The exact sequence is proprietary.
Applications Tested/Suitable for anti-CHIC2 antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-CHIC2 antibody	WB: 1:500-1:2000 IHC: 1:50-1:200
Related Product Information for anti-CHIC2 antibody	MBS8306277 is an antibody targeting CHIC2. Reactive in Human, Mouse, Rat. Host: Rabbit. Rabbit polyclonal antibody to CHIC2
Other Notes	Small volumes of anti-CHIC2 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.



Western Blot (WB) of anti-CHIC2 antibody
Western blot analysis of CHIC2 expression in mouse testis (A) whole cell lysates.



Immunohistochemistry (IHC) of anti-CHIC2 antibody
Immunohistochemical analysis of CHIC2 staining in human stomach formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CHIC2. It may not necessarily be applicable to this product.

NCBI GI #	6912276
NCBI GeneID	26511
NCBI Accession #	NP_036242.1
UniProt Primary Accession #	Q9UKJ5
UniProt Secondary Accession #	Q9D9G3
UniProt Related Accession #	Q9UKJ5
GenBank Nucleotide #	NM_012110.3
NCBI Official Full Name	cysteine-rich hydrophobic domain 2 protein
NCBI Official Synonym Full Names	cysteine-rich hydrophobic domain 2
NCBI Official Symbol	CHIC2
NCBI Official Synonym Symbols	BTL
UniProt Protein Name	Cysteine-rich hydrophobic domain 2 protein
UniProt Synonym Protein Names	BrX-like translocated in leukemia
Protein Family	Cysteine-rich hydrophobic domain-containing protein
UniProt Gene Name	CHIC2
UniProt Synonym Gene Names	BTL
UniProt Entry Name	CHIC2_HUMAN
NCBI Protein Information	cysteine-rich hydrophobic domain 2 protein; BRX-like translocated in leukemia; cystein-rich hydrophobic domain 2
NCBI Summary for CHIC2	This gene encodes a member of the CHIC family of proteins. The encoded protein contains a cysteine-rich hydrophobic (CHIC) motif, and is localized to vesicular structures and the plasma membrane. This gene is associated with some cases of acute myeloid leukemia. [provided by RefSeq, Jul 2008]

UniProt Comments for CHIC2	Subcellular location: Cell membrane. Cytoplasmic vesicle. Note: Also present at a Golgi-like vesicular compartment and at scattered vesicles. Ref.5 Post-translational modification: Palmitoylation in the CHIC motif is required for membrane association. Ref.5 Involvement in disease: A chromosomal aberration involving CHIC2 is found in a form of acute myeloid leukemia (AML). Translocation t(4;12)(q12;p13) with ETV6. Sequence similarities: Belongs to the CHIC family.
Research Articles on CHIC2	**1.** studied a new FISH method to detect CHIC2 deletion, FIP1L1/PDGFRA fusion and PDGFRA translocation in patients with myeloid neoplasms associated with eosinophilia
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