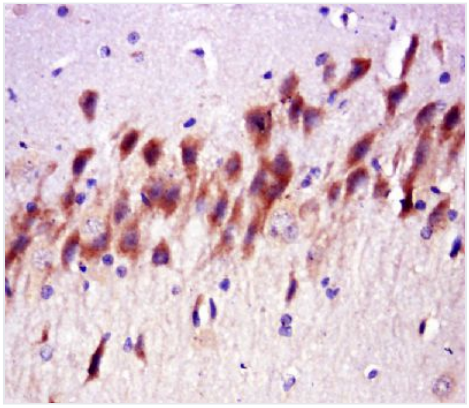
ILP2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ILP2, Polyclonal Antibody
Full Product Name	ILP2 Polyclonal Antibody
Product Gene Name	anti-ILP2 antibody
Product Synonym Names	Baculoviral IAP repeat-containing protein 8; Inhibitor of apoptosis-like protein 2; IAP-like protein 2; ILP-2; Testis-specific inhibitor of apoptosis; BIRC8; ILP2
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Rat
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	33 kDa
3D Structure	ModBase 3D Structure for Q96P09
Applications Tested/Suitable for anti-ILP2 antibody	Immunohistochemistry-Paraffin (IHC-P), Immunohistochemistry-Frozen (IHC-F), Immunofluorescence (IF)
Related Product Information for anti-ILP2 antibody	MBS9238111 is an antibody targeting ILP2. Also known as ILP2 Polyclonal Antibody. Reactive in Rat. Host: Rabbit.
Other Notes	Small volumes of anti-ILP2 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.



Immunohistochemistry (IHC)-Paraffin of anti-ILP2 antibody
Paraformaldehyde-fixed, paraffin embedded (rat brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 degree C for 30min; Antibody incubation with (BIRC8) Polyclonal Antibody, Unconjugated (bs-6870R) at 1:400 overnight at 4 degree C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ILP2. It may not necessarily be applicable to this product.

NCBI GI #	44680139
NCBI GeneID	112401
NCBI Accession #	NP_203127
UniProt Primary Accession #	Q96P09
UniProt Secondary Accession #	Q6IPY1; Q96RW5
UniProt Related Accession #	Q96P09
GenBank Nucleotide #	NM_033341.4
NCBI Official Full Name	baculoviral IAP repeat-containing protein 8
NCBI Official Synonym Full Names	baculoviral IAP repeat containing 8
NCBI Official Symbol	BIRC8
NCBI Official Synonym Symbols	ILP2; ILP-2; hILP2
UniProt Protein Name	Baculoviral IAP repeat-containing protein 8
UniProt Synonym Protein Names	Inhibitor of apoptosis-like protein 2; IAP-like protein 2; ILP-2; Testis-specific inhibitor of apoptosis
Protein Family	Probable insulin-like peptide
UniProt Gene Name	BIRC8
UniProt Synonym Gene Names	ILP2; IAP-like protein 2; ILP-2
UniProt Entry Name	BIRC8_HUMAN
NCBI Protein Information	baculoviral IAP repeat-containing protein 8; IAP-like protein 2; baculoviral IAP repeat-containing 8; inhibitor of apoptosis-like protein 2; testis-specific inhibitor of apoptosis
UniProt Comments for ILP2	BIRC8: Protects against apoptosis mediated by BAX. Belongs to the IAP family. Protein type: Ubiquitin conjugating system; Apoptosis Chromosomal Location of Human Ortholog: - Cellular Component: spindle microtubule; perinuclear region of cytoplasm; cytoplasm; nucleus; cytosol Molecular Function: protease binding; zinc ion binding; caspase inhibitor activity; ubiquitin-protein ligase activity Biological Process: neuron apoptosis; protein ubiquitination; negative regulation of neuron apoptosis; negative regulation of apoptosis
Research Articles on ILP2	**1.** increased expression with progression of chronic myeloid leukaemia
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