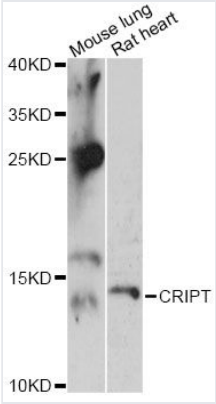
CRIPT Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CRIPT, Polyclonal Antibody
Full Product Name	CRIPT Polyclonal Antibody
Product Gene Name	anti-CRIPT antibody
Product Synonym Names	HSPC139; SSMDF
Immunogen Sequence	MVCEKCEKKL GTVITPDTWK DGARNTTESG GRKLNENKAL TSKKARFDPY GKNKFSTCRI CKSSVHQPGS HYCQGCAYKK GICAMCGKKV LDTKNYKQTS V
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse, Rat
Purity/Purification	Affinity Purification
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.
Molecular Weight	Calculated: 11kDa Observed: 13kDa
OMIM	AF161488 mRNA
3D Structure	ModBase 3D Structure for Q9P021
Immunogen	Recombinant protein of human CRIPT
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cell junction, Cell projection, Cytoplasm, dendritic spine, synapse
Positive Samples	Mouse lung, Rat heart
Product Categories/Family for anti-CRIPT antibody	Polyclonal Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CRIPT antibody	Western Blot (WB)
Application Notes for anti-CRIPT antibody	WB: 1:500 - 1:2000
Related Product Information for anti-CRIPT antibody	This gene encodes a protein that binds to the PDZ3 peptide recognition domain. The encoded protein may modulates protein interactions with the cytoskeleton. A mutation in this gene resulted in short stature with microcephaly and distinctive facies.
Other Notes	Small volumes of anti-CRIPT 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.
Searchable Terms for CRIPT purchase	MBS9134341 is an antibody targeting CRIPT. Also known as CRIPT Polyclonal Antibody. Reactive in Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-CRIPT antibody
Western blot analysis of extracts of various cell lines, using CRIPT antibody at 1:3000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (MBS128200) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Enhanced Kit.Exposure time: 90s.

ADDITIONAL DETAILS

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

NCBI GI #	7661798
NCBI GeneID	9419
NCBI Accession #	NP_054890.1
UniProt Primary Accession #	Q9P021
UniProt Related Accession #	Q9P021
GenBank Nucleotide #	NM_014171.5
NCBI Official Full Name	cysteine-rich PDZ-binding protein
NCBI Official Synonym Full Names	CXXC repeat containing interactor of PDZ3 domain
NCBI Official Symbol	CRIPT
NCBI Official Synonym Symbols	SSMDF; HSPC139
UniProt Protein Name	Cysteine-rich PDZ-binding protein
UniProt Synonym Protein Names	Cysteine-rich interactor of PDZ three; Cysteine-rich interactor of PDZ3
Protein Family	Cysteine-rich PDZ-binding protein
UniProt Gene Name	CRIPT
UniProt Synonym Gene Names	Cysteine-rich interactor of PDZ3
NCBI Protein Information	cysteine-rich PDZ-binding protein
UniProt Comments for CRIPT	Involved in the cytoskeletal anchoring of DLG4 in excitatory synapses.
Research Articles on CRIPT	**1.** we describe a third patient with defects in the CRIPT gene responsible for short stature, microcephaly, and distinctive facies [MIM:615789]. The clinical presentation of our patient expands the phenotype of CRIPT mutations to include postnatal growth delay, distinct from primordial dwarfism.
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