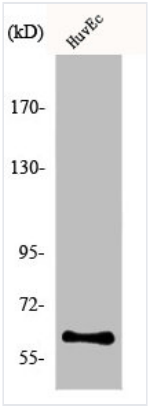
HNRNPLL Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	HNRNPLL, Polyclonal Antibody
Full Product Name	HNRNPLL Antibody
Product Gene Name	anti-HNRNPLL antibody
Product Synonym Names	HNRPLL; SRRF; BLOCK24; Heterogeneous Nuclear riboNucleoprotein L-like; hnRNPLL; Stromal RNA-regulating factor
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid; In Phosphate Buffered Saline, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	60,083 Da
Chromosome Location	Chromosome: 2; NC_000002.11 (38790328..38830178, complement). Location: 2p22.1
OMIM	611208
3D Structure	ModBase 3D Structure for Q8WVV9
Immunogen	Synthesized peptide derived from the Internal region of human hnRNP LL.
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-HNRNPLL antibody	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-HNRNPLL antibody	Western Blot (WB), Immunohistochemistry (IHC), ELISA (EIA)
Application Notes for anti-HNRNPLL antibody	WB: 1:500-1:2000 IHC: 1:100-1:300 ELISA: 1:20000
Related Product Information for anti-HNRNPLL antibody	MBS7116459 is an antibody targeting HNRNPLL. Also known as HNRNPLL Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-HNRNPLL 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-HNRNPLL antibody
Western Blot analysis of COLO205 cells using hnRNP LL Polyclonal Antibody

ADDITIONAL DETAILS

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

NCBI GI #	217416379
NCBI GeneID	92906
NCBI Accession #	NP_001136122.1
UniProt Primary Accession #	Q8WVV9
UniProt Secondary Accession #	Q53T80; Q5JB51; Q659B9; Q8IVH5; Q8IVH6; Q96HR5
UniProt Related Accession #	Q8WVV9
GenBank Nucleotide #	NM_001142650.1
NCBI Official Full Name	heterogeneous nuclear ribonucleoprotein L-like isoform 2
NCBI Official Synonym Full Names	heterogeneous nuclear ribonucleoprotein L-like
NCBI Official Symbol	HNRNPLL
NCBI Official Synonym Symbols	SRRF; HNRPLL
UniProt Protein Name	Heterogeneous nuclear ribonucleoprotein L-like
UniProt Synonym Protein Names	Stromal RNA-regulating factor
Protein Family	Heterogeneous nuclear ribonucleoprotein
UniProt Gene Name	HNRPLL
UniProt Synonym Gene Names	SRRF; hnRNPLL
UniProt Entry Name	HNRLL_HUMAN
NCBI Protein Information	heterogeneous nuclear ribonucleoprotein L-like; stromal RNA regulating factor; stromal RNA-regulating factor
NCBI Summary for HNRNPLL	HNRNPLL is a master regulator of activation-induced alternative splicing in T cells. In particular, it alters splicing of CD45 (PTPRC; MIM 151460), a tyrosine phosphatase essential for T-cell development and activation (Oberdoerffer et al., 2008 [PubMed 18669861]).[supplied by OMIM, Aug 2008]

UniProt Comments for HNRNPLL	HNRPLL: RNA-binding protein that functions as regulator of alternative splicing for multiple target mRNAs, including PTPRC/CD45 and STAT5A. Required for alternative splicing of PTPRC. Interacts with HNRNPL. Up-regulated in stimulated T-cells. Widely expressed. Detected in bone marrow stroma cells, skeletal muscle, heart, placenta, pancreas, kidney and lung. 4 isoforms of the human protein are produced by alternative splicing. Protein type: RNA-binding Chromosomal Location of Human Ortholog: 2p22.1 Cellular Component: membrane; nucleus; ribonucleoprotein complex Molecular Function: mRNA binding; protein binding; nucleotide binding Biological Process: mRNA processing; positive regulation of RNA splicing
Research Articles on HNRNPLL	**1.** Loss-of-function mutation of hnRNPLL disrupts peripheral T cell accumulation even in the absence of CD45 protein, indicating that hnRNPLL acts through an independent mechanism to promote peripheral T cell longevity.
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