



Anti-HNRNPM (aa 17-112) polyclonal antibody (DPAB-DC1992)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene belongs to the subfamily of ubiquitously expressed heterogeneous nuclear ribonucleoproteins (hnRNPs). The hnRNPs are RNA binding proteins and they complex with heterogeneous nuclear RNA (hnRNA). These proteins are associated with pre-mRNAs in the nucleus and appear to influence pre-mRNA processing and other aspects of mRNA metabolism and transport. While all of the hnRNPs are present in the nucleus, some seem to shuttle between the nucleus and the cytoplasm. The hnRNP proteins have distinct nucleic acid binding properties. The protein encoded by this gene has three repeats of quasi-RRM domains that bind to RNAs. This protein also constitutes a monomer of the N-acetylglucosamine-specific receptor which is postulated to trigger selective recycling of immature GlcNAc-bearing thyroglobulin molecules. Alternative splicing results in multiple transcript variants.
Immunogen	HNRPM (NP_005959, 17 a.a. ~ 112 a.a) partial recombinant protein with GST tag. The sequence is KMEEESGAPGVPSNGAPGPKGEGERPAQNEKRKEKNIKRGGNRFEPYANPTKRYRAFIT NIPFDVKWQSLKDLVKEKVGEVTYVELLMDAEGKSR
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	HNRNPM heterogeneous nuclear ribonucleoprotein M [Homo sapiens (human)]
Official Symbol	HNRNPM
Synonyms	HNRNPM; heterogeneous nuclear ribonucleoprotein M; CEAR; HNRPM; HTGR1; NAGR1; HNRPM4; HNRNPM4; hnRNP M; CEA receptor; hnRNA-binding protein M4; N-acetylglucosamine receptor 1; heterogenous nuclear ribonucleoprotein M4;
Entrez Gene ID	4670
Protein Refseq	NP_001284347
UniProt ID	Q59ES8
Chromosome Location	19p13.2
Pathway	Gene Expression; Spliceosome; mRNA Splicing - Major Pathway;
Function	RNA binding; nucleotide binding; poly(A) RNA binding; protein binding
