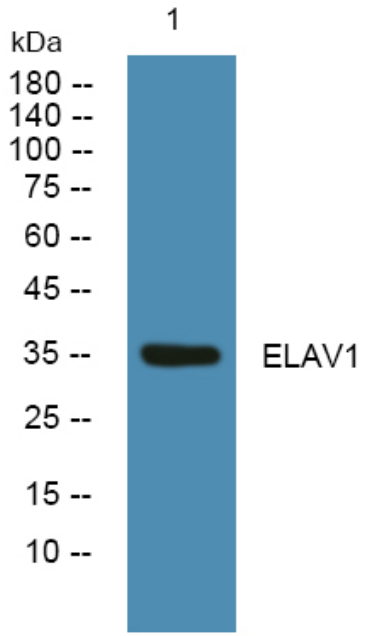
ELAV1 Polyclonal Antibody

Catalog No	YP-Ab-07788
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	ELAVL1 HUR
Protein Name	ELAV-like protein 1 (Hu-antigen R) (HuR)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	ELAV1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	35kD
Cell Pathway	Cytoplasm . Nucleus . Cytoplasm, Stress granule . Cytoplasm, P-body . Translocates into the cytoplasm following phosphorylation by MAPKAPK2 (PubMed:14517288). Likewise, phosphorylation by PRKCD promotes translocation from the nucleus into the cytoplasm, where it is associated with free and cytoskeleton-bound polysomes (PubMed:18285462).Localizes to the stress granules in the presence of PLEKHN1 (By similarity). .
Tissue Specificity	Ubiquitous. Detected in brain, liver, thymus and muscle.
Function	function:Binds avidly to the AU-rich element in FOS and IL3/interleukin-3 mRNAs. In the case of the FOS AU-rich element, HUR binds to a core element of 27 nucleotides that contain AUUUA, AUUUUA, and AUUUUUA motifs.,PTM:Methylated at Arg-217 by CARM1 in macrophages in response to LPS challenge.,similarity:Belongs to the RRM elav family.,similarity:Contains 3 RRM (RNA recognition motif) domains.,subunit:Interacts with ANP32A.,tissue specificity:Ubiquitous.,
Background	ELAV like RNA binding protein 1(ELAVL1) Homo sapiens The protein encoded by this gene is a member of the ELAVL family of RNA-binding proteins that contain several RNA recognition motifs, and selectively bind AU-rich elements (AREs) found in the 3' untranslated regions of mRNAs. AREs

	signal degradation of mRNAs as a means to regulate gene expression, thus by binding AREs, the ELAVL family of proteins play a role in stabilizing ARE-containing mRNAs. This gene has been implicated in a variety of biological processes and has been linked to a number of diseases, including cancer. It is highly expressed in many cancers, and could be potentially useful in cancer diagnosis, prognosis, and therapy. [provided by RefSeq, Sep 2012],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from Jarkat cells, primary antibody was diluted at 1:1000, 4°over night