

**Catalogue No.****Qty:**

AB0454-100

300 µg

**Anti-ELAVL1****Source:** Goat

**General description:** Goat polyclonal antibody to ELAVL1. ELAVL1, also known as HuR (Human antigen R), is a ubiquitously expressed RNA-binding protein that plays a pivotal role in post-transcriptional regulation of gene expression. It belongs to the ELAV (embryonic lethal abnormal vision) family of proteins, which are characterized by their ability to bind to AU-rich elements (AREs) in the 3' untranslated regions (3' UTRs) of target mRNAs, thereby influencing mRNA stability and translation.

**Alternative names:** ELAV1, HUR, Hua and MelG antibody.

**Form:** Polyclonal antibody supplied as a 100 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

**Immunogen:** Purified recombinant peptide derived from within residues 271 aa to the C-terminus of human ELAVL1 produced in *E. coli*.

**Specificity:** Detects endogenous levels of ELAVL1 by Western blot in the whole cell lysates (H69, HeLa, MCF7, AtT20, LS174T, 293HEK, IMCD3, Jurkat, COS7, SHSY5Y, NIH3T3, etc.).

**Reactivity:** Reacts with Human, Rat, Mouse, Monkey and Canine proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA	IEM
Human	+++	ND	ND	ND	ND	ND
Rat	+++	ND	ND	ND	ND	ND
Mouse	+++	ND	ND	ND	ND	ND
Monkey	+++	ND	ND	ND	ND	ND
Canine	+++	ND	ND	ND	ND	ND

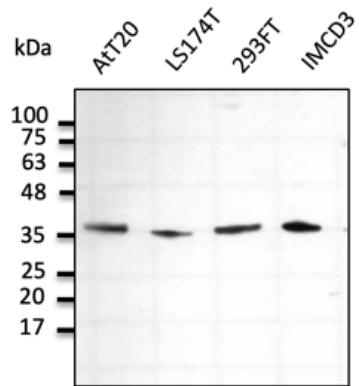
+++ excellent, ++ good, + poor, ND not determined

**Usage:**

WB: 1:1,000-1:5,000

**Storage:** Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

**Special instructions:** Avoid freeze/thaw cycles..



Endogenous ELAVL1 detected with at 1:2,500 dilution; lysate at 50  $\mu$ g per lane and rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

For research use only, not for diagnostic use

#### SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.