

# Product datasheet for AP20434PU-M

## rioduct datasilect for Ar 20454r O-N

# **ELAVL2 Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WE

Recommended Dilution: Western blot: 1/500-1/1000.

Reactivity: Human, Mouse, Rat

**Host:** Rabbit

Clonality: Polyclonal

**Specificity:** This antibody detects endogenous levels of Hel-N1 protein.

(region surrounding Ser27)

**Formulation:** Phosphate buffered saline (PBS), pH 7.2

State: Aff - Purified

State: Liquid purified lg fraction Preservative: 0.05% sodium azide

**Concentration:** 1.0 mg/ml

**Purification:** Affinity-chromatography using epitope-specific immunogen; purity is > 95% (by SDS-PAGE)

Conjugation: Unconjugated

**Storage:** Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: ~ 38 kDa

**Gene Name:** ELAV like neuron-specific RNA binding protein 2

**Database Link:** Entrez Gene 15569 MouseEntrez Gene 286973 RatEntrez Gene 1993 Human

Q12926



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

#### **ELAVL2 Rabbit Polyclonal Antibody - AP20434PU-M**

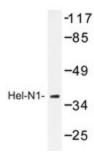
#### Background:

The Elav-like genes encode for a family of RNA-binding proteins. Elav, a Drosophila protein and the first described member, is expressed immediately after neuroblastic differentiation into neurons and is necessary for neuronal differentiation and maintenance. Several mammalian Elav-like proteins, designated HuC, HuD and Hel-N1, are also expressed in postmitotic neurons. An additional mammalian homolog, HuR, which is also designated HuA, is ubiquitously expressed and is also overexpressed in a wide variety of tumors. Characteristically, these homologs all contain three RNA recognition motifs (RRM), and they specifically bind to AU-rich elements (ARE) in the 3'-untranslated region of mRNAs transcripts. ARE sites target mRNA for rapid degradation and thereby regulate the expression levels of genes involved in cell growth and differentiation.

Synonyms: ELAV-like protein 2, Hu-antigen B, Hel-N1

**Protein Families:** Transcription Factors

### **Product images:**



Western blot analysis of Hel-N1 antibody (Cat.-No.: [AP20434PU-N]) in extracts from HepG2 cell.