

**Product Name: HuB/HuD Rabbit Polyclonal Antibody**  
**Catalog #: APRab00382**



## Summary

<b>Production Name</b>	HuB/HuD Rabbit Polyclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-F,IHC-P,ICC/IF,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Chromatography

## Immunogen

<b>Gene Name</b>	ELAVL2/ELAVL4 ELAVL2; HUB; ELAV-like protein 2; ELAV-like neuronal protein 1; Hu-antigen B; HuB;
<b>Alternative Names</b>	Nervous system-specific RNA-binding protein Hel-N1; ELAVL4; HUD; PNEM; ELAV-like protein 4; Hu-antigen D; HuD; Paraneoplastic encephalomyelitis antigen HuD
<b>Gene ID</b>	1993/1996
<b>SwissProt ID</b>	Q12926/P26378

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000
<b>Molecular Weight</b>	Calculated MW: 40 kDa; Observed MW: 40 kDa

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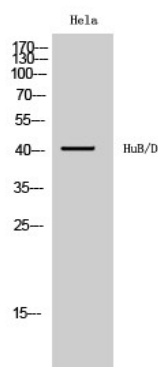
## Background

Eukaryotic translation initiation factor-5 (EIF5) interacts with the 40S initiation complex to promote hydrolysis of bound GTP with concomitant joining of the 60S ribosomal subunit to the 40S initiation complex. The resulting functional 80S ribosomal initiation complex is then active in peptidyl transfer and chain elongations (summary by Si et al. 1996 [PubMed 8663286]).

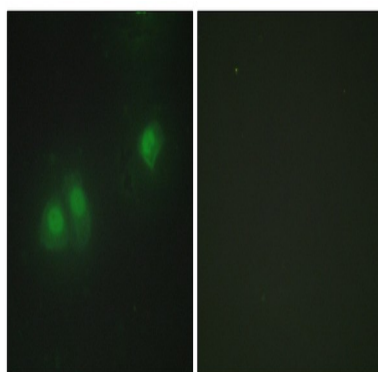
## Research Area

Neuroscience

## Image Data

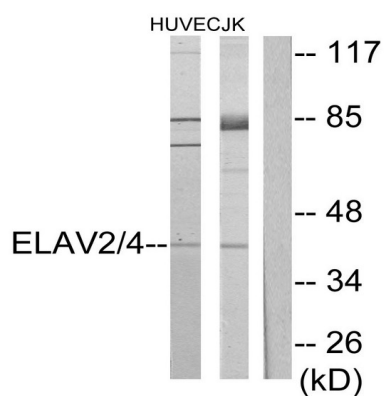


Western blot analysis of HuB/HuD in HeLa lysates using HuB/HuD antibody.

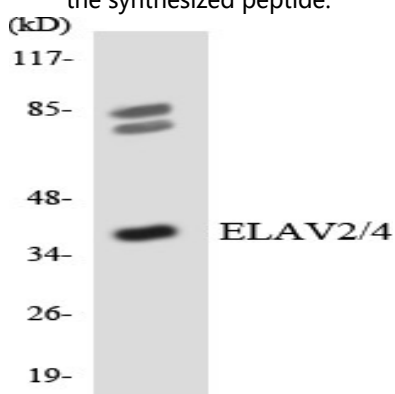


Immunofluorescence analysis of HuB/HuD in HepG2 using ELAV2/4 antibody. The picture on the right is blocked using the synthesized peptide.

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Western blot analysis of HuB/HuD in Jurkat and HUVEC lysates using ELAV2/4 antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of HuB/HuD in 293 lysates using HuB/HuD antibody

## Note

For research use only.