

Anti-HuB Antibody
Catalog # AP53795**Specification**

Anti-HuB Antibody - Product Information

Application	WB, IF, IHC
Primary Accession	Q12926
Other Accession	P26378
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39504

Anti-HuB Antibody - Additional Information**Gene ID** 1993**Other Names**

ELAVL2; HUB; ELAV-like protein 2; ELAV-like neuronal protein 1; Hu-antigen B; HuB; Nervous system-specific RNA-binding protein Hel-N1; ELAVL4; HUD; PNEM; ELAV-like protein 4; Hu-antigen D; HuD; Paraneoplastic encephalomyelitis antigen HuD

Target/Specificity

Recognizes endogenous levels of HuB protein.

Dilution

WB~~1/500 - 1/1000

IF~~1/50 - 1/200

IHC~~1:100~500

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C.Stable for 12 months from date of receipt

Anti-HuB Antibody - Protein Information**Name** ELAVL2**Synonyms** HUB**Function**

RNA-binding protein that binds to the 3' untranslated region (3'UTR) of target mRNAs (By similarity). Seems to recognize a GAAA motif (By similarity). Can bind to its own 3'UTR, the FOS 3'UTR and the ID 3'UTR (By similarity).

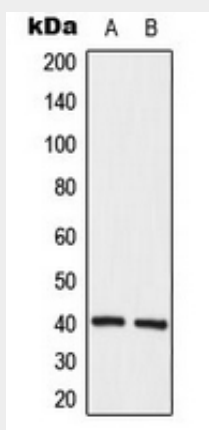
Tissue Location

Brain; neural-specific.

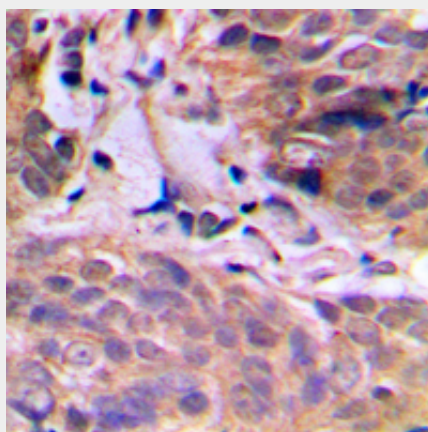
Anti-HuB Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

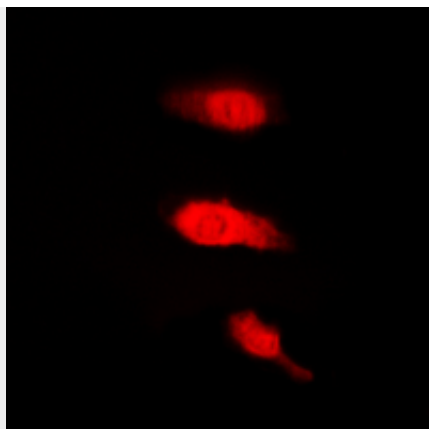
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-HuB Antibody - Images

Western blot analysis of HuB expression in K562 (A), HeLa (B) whole cell lysates.



Immunohistochemical analysis of HuB staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of HuB staining in K562 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Anti-HuB Antibody - Background

Rabbit polyclonal antibody to HuB