

Anti-HuB Antibody

Catalog # AP53795

Specification

Anti-HuB Antibody - Product Information

Application
Primary Accession
Other Accession
Reactivity
Host
Clonality
Calculated MW
WB, IF, IHC
O12926
P26378
Human, Mouse
Rabbit
Polyclonal
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

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HuB. The exact sequence is proprietary.

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).



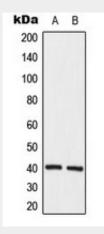
Tissue LocationBrain; neural-specific.

Anti-HuB Antibody - Protocols

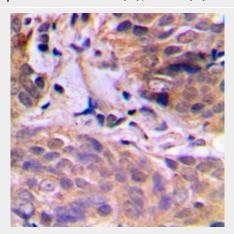
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- 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 $^{\circ}$ 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