

DATASHEET

HuB Rabbit Polyclonal Antibody

CAT. NO. APA08848

KEY FEATURES

Target	HuB	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Chicken	Clonality	Polyclonal
Applications	WB, IHC, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

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

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IHC	1:100 - 1:200
IF/ICC	1:100 - 1:500

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to HuB
Specificity	Recognizes endogenous levels of HuB protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HuB. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 39; Observed: 40 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative 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
Gene Symbol	ELAVL2; ELAVL4
Entrez Gene	1993; 1996(Human); 15569; 15572(Mouse); 432358(Rat)
SwissProt	Q12926; P26378(Human); Q60899; Q61701(Mouse); Q8CH84; O09032(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

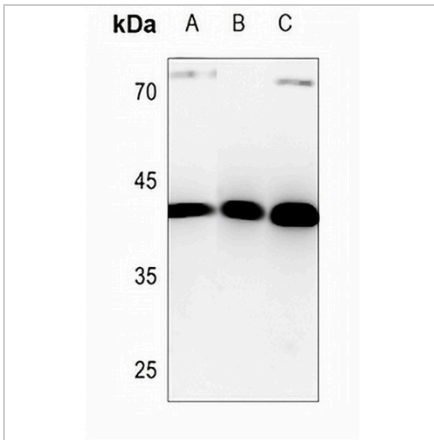
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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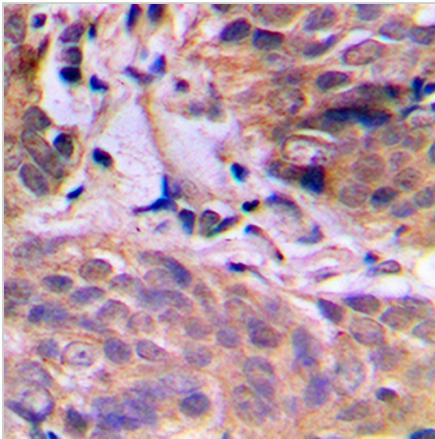
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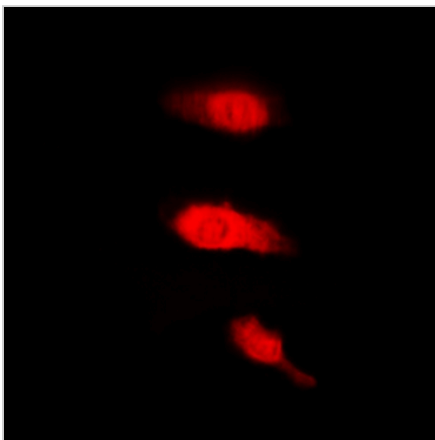
DATA



Western blot analysis of HuB expression in HEK293T (A), mouse testis (B), rat testis (C) whole cell lysates. (Predicted band size: 39; 42 kD; Observed band size: 40 kD)



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.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.