DATASHEET

NBEAL1 Rabbit Polyclonal Antibody

CAT. NO. APA12049

KEY FEATURES

Target	NBEAL1	Source / Host	Rabbit
Reactivity	Human	Clonality	Polyclonal
Applications	WB, IHC	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

Neurobeachin-like protein 1 (NBEAL1), also known as Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 16 protein, Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 17 protein. Belongs to the WD repeat neurobeachin family Tissue specificity: Highly expressed in brain, kidney, prostate and testis. Weakly expressed in ovary, small intestine, colon and peripheral blood leukocytes. May be correlative to several tumors, such as ovary serous adenocarcinoma and metastasis mammary gland carcinoma breast

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

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

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to NBEAL1
Specificity	Recognizes endogenous levels of NBEAL1 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human NBEAL1. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 307 kD; Observed: 160 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	ALS2CR16; ALS2CR17; Neurobeachin-like protein 1; Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 16 protein; Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 17 protein
Gene Symbol	NBEAL1
Entrez Gene	65065(Human)
SwissProt	Q6ZS30(Human)

*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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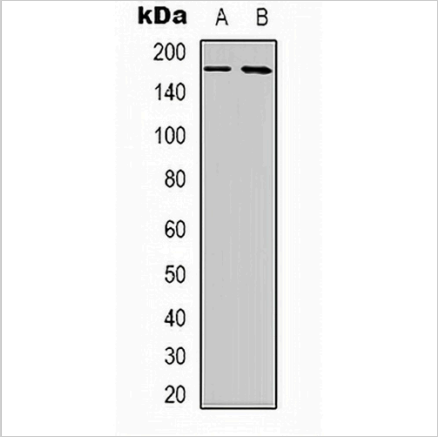
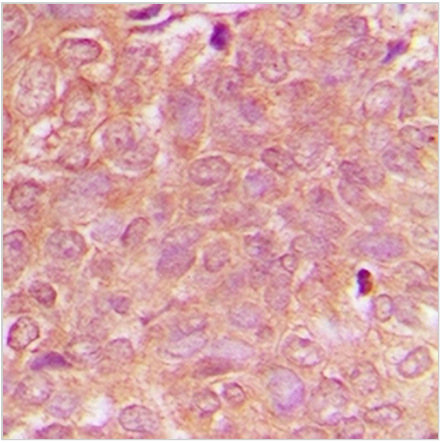
DATA



Western blot analysis of NBEAL1 expression in HEK293T (A), HepG2 (B) whole cell lysates. (Predicted band size: 307 kD; Observed band size: 160 kD)



Immunohistochemical analysis of NBEAL1 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.

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.