

NBEAL2 Rabbit pAb

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Catalog # AP57361

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q6ZNJ1
Predicted	Rat, Pig, Human, Mouse, Rabbit, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	302517
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human NBEAL2
Epitope Specificity	101-200/2754
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Endoplasmic reticulum.
DISEASE	Gray platelet syndrome (GPS) [MIM:139090]: A rare platelet disorder characterized by a selective deficiency in the number and contents of platelet alpha-granules. It is associated with mild to moderate bleeding tendency and moderate thrombocytopenia. The platelets are enlarged and have a gray appearance on light microscopy of Wright-stained peripheral blood smears due to decreased granules.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene contains a beige and Chediak-Higashi (BEACH) domain and multiple WD40 domains, and may play a role in megakaryocyte alpha-granule biogenesis. Mutations in this gene are a cause of gray platelet syndrome. [provided by RefSeq, Dec 2011]

Additional Information

Gene ID	23218
Other Names	Neurobeachin-like protein 2, NBEAL2, KIAA0540
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	NBEAL2
Synonyms	KIAA0540
Function	Probably involved in thrombopoiesis. Plays a role in the development or secretion of alpha-granules, that contain several growth factors important for platelet biogenesis.
Cellular Location	Endoplasmic reticulum
Tissue Location	Expressed in megakaryocytes.

Background

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