Datasheet for ABIN1387147

anti-ANKRD13B antibody

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Overview

Quantity:	100 µL
Target:	ANKRD13B
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANKRD13B antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ANKRD13B
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	ANKRD13B
Alternative Name:	ANKRD13B (ANKRD13B Products)
Background:	Synonyms: Ankrd13b, ANKRD13Bankyrin repeat domain 13B, ankyrin repeat domain 13B, AN13B_HUMAN. Background: Ankyrins are membrane adaptor molecules that play important roles in coupling

Target Details

integral membrane proteins to the spectrin-based cytoskeleton network. Mutations of ankyrin genes can lead to severe genetic diseases, such as fatal cardiac arrhythmias and hereditary spherocytosis. ANKRD13B (ankyrin repeat domain 13B) is a 626 amino acid protein that contains two ANK repeats and three ubiquitin-interacting motif (UIM) repeats. Conserved in dog, cow, mouse and rat, ANKRD13B exists as two alternatively spliced isoforms. The gene that encodes ANKRD13B maps to human chromosome 17, which makes up over 2.5 % of the human genome, with about 81 million bases encoding over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. BRCA1 is recognized as a genetic determinant of early onset breast cancer. Chromosome 17 is also linked to neurofibromatosis, dysregulated Schwann cell growth, Alexander disease, Birt-Hogg-Dube syndrome and Canavan disease.

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

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