Datasheet for ABIN4996524

anti-ANKRD11 antibody (AA 731-820) (Alexa Fluor 750)

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Overview

Quantity:	100 µL
Target:	ANKRD11
Binding Specificity:	AA 731-820
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANKRD11 antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ANKRD11
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Horse
Purification:	Purified by Protein A.

Target Details

Target:	ANKRD11
Alternative Name:	ANKRD11 (ANKRD11 Products)

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Target Details

Background:	Synonyms: ANCO 1, ANCO1, Ankyrin repeat containing cofactor 1, Ankyrin repeat domain 11, Ankyrin repeat domain containing protein 11, LZ16, T13. Background: Ankyrin is a membrane protein that mediates the attachment of the erythrocyte membrane skeleton to the plasma membrane and interacts with CD44 and inositol triphosphate. It contains three functional domains: a conserved N-terminal ankyrin repeat domain (ARD(consisting of 2224 tandem repeats of 33 amino acids), a spectrin binding domain and a variably sized C-terminal regulatory domain. The ankyrin repeat is a 33-residue motif in proteins consisting of two alpha helices separated by loops. It has been studied using multiple sequence alignment to determine which conserved amino acid residues are critical for folding and stability. Ankyrin-repeat proteins have been associated with a number of human diseases, most notably, the cell cycle inhibitor p16 is associated with cancer and the Notch protein is a key component of cell signaling pathways whose intracellular repeat domain is disrupted in mutations that give rise to the neurological disorder known as CADASIL.
Gene ID:	29123

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

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