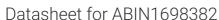
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# anti-AHNAK antibody (AA 1351-1450) (Alexa Fluor 647)



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Quantity:	100 μL	
Target:	AHNAK	
Binding Specificity:	AA 1351-1450	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This AHNAK antibody is conjugated to Alexa Fluor 647	
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human AHNAK
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Pig
Purification:	Purified by Protein A.

## **Target Details**

Target:	AHNAK
Alternative Name:	AHNAK (AHNAK Products)
Background: Synonyms: AHNAK, AHNAK nucleoprotein desmoyokin, AHNAKRS, AHNK_HUMAN,	

Desmoyokin, Fragments, MGC5395, Neuroblast dferentiation associated protein AHNAK, Neuroblast dferentiation-associated protein AHNAK, PM227.

Background: AHNAK is a 5,890 amino acid protein encoded by the human gene AHNAK. The intronless AHNAK gene is located on human chromosome 11q12 and has three main structural regions: the 251 amino acid N-terminus, a large central region of 4390 amino acids with multiple repeated units of about 128 amino acids in length, and the 1002 amino acid C-terminus. The central region seems to have antiparallel beta-strands connected by intervening loops. Several putative regulatory elements are clustered within the C-terminal region, including nuclear export localization signals, a leucine zipper, and potential phosphorylation sites for Akt1 and PKC. AHNAK is believed to be an important signalling molecule involved in a wide range of physiological activities and may be required for neuronal cell differentiation.. AHNAK also appears to influence b-adrenergic regulation of cardiac L-type Ca2+ channel function.

### **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