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Datasheet for ABIN1700195
anti-AHNAK antibody (AA 1351-1450) (Biotin)

Overview

Quantity:	100 µL
Target:	AHNAK
Binding Specificity:	AA 1351-1450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AHNAK antibody is conjugated to Biotin
Application:	ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (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,

Target Details

Desmoyokin, Fragments, MGC5395, Neuroblast differentiation associated protein AHNAK, Neuroblast differentiation-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: IHC-P 1:200-400
IHC-F 1:100-500

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 for 12 months.

Expiry Date: 12 months