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Image



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#### Overview

Overview	
Quantity:	40 μg
Target:	INA
Binding Specificity:	AA 100-150
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This INA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	

Immunogen:	KLH-coupled synthetic peptide within AA 100-150 of human Alpha Internexin
Isotype:	IgG
Specificity:	Rabbit Anti-Alpha Internexin Polyclonal Antibody detects endogenous levels of human, mouse, and rat Alpha Internexin protein.
Purification:	Immunoaffinity chromatography

# **Target Details**

Target:	INA
Alternative Name:	Alpha Internexin (INA Products)
Background:	Alpha internexin (Neurofilament-66) is a class IV neuronal intermediate filament that is able to

self-assemble. Being involved in the morphogenesis of neurons, it may form an independent structural network without the involvement of other neurofilaments. It may cooperate with NF-L to form the filamentous backbone to which NF-M and NF-H attach to form the cross bridges. Rabbit Anti-Alpha Internexin Polyclonal Antibody is developed in rabbit using a KLH-coupled synthetic peptide within residues 100-150 of human Alpha Internexin (Swiss Prot: Q16352).

# **Application Details**

An	nlicatio	n Notes:
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Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

ELISA: 0.05-0.2 μg/mL

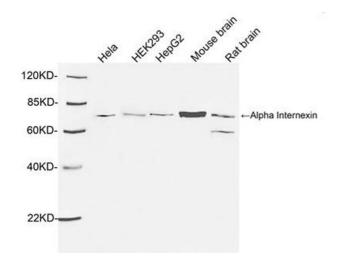
Western blot: 0.5-1 µg/mLOther Applications: user-optimized

Restrictions:

For Research Use only

# Handling

Format:	Lyophilized	
Buffer:	PBS, pH 7.4, containing 0.02 % sodium azide	
Preservative:	Sodium azide	
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.	
Storage:	4 °C/-20 °C	
Storage Comment:	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.	



# **Western Blotting**

**Image 1.** Western blot analysis of tissue and cell lysates using 1  $\mu$ g/mL Rabbit Anti-Alpha Internexin Polyclonal Antibody (ABIN398867) The signal was developed with IRDyeTM 800 Conjugated Goat Anti-Rabbit IgG.Predicted Size: 66 KD Observed Size: 66 KD