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Datasheet for ABIN1539795 anti-INA antibody (AA 290-319)

4 Images



Overview

Quantity:	400 µL
Target:	INA
Binding Specificity:	AA 290-319
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded
	Sections) (IHC (p))

Product Details

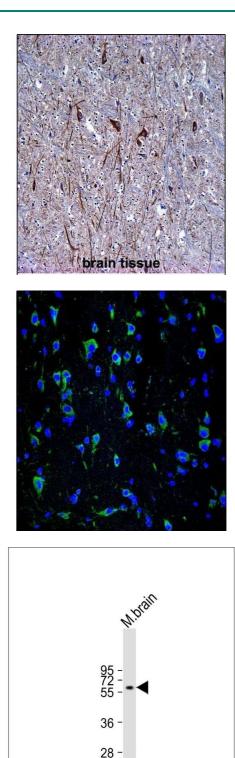
Immunogen:	This INA antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 290-319 amino acids from human INA.
Clone:	257CT7-1-2
lsotype:	IgG1 kappa
Predicted Reactivity:	B, Rat
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.
Target Details	

Target:	INA
Alternative Name:	INA (INA Products)

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Target Details	
Background:	Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and they functionally maintain the neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene is a member of the intermediate filament family and is involved in the morphogenesis of neurons.
Molecular Weight:	55391
Gene ID:	9118
NCBI Accession:	NP_116116
UniProt:	Q16352
Application Details	
Application Notes:	IF: 1:10~50. WB: 1:125. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	INA Antibody can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at - 20 °C.
Expiry Date:	6 months

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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. INA Antibody (ABIN1539795 and ABIN2843772) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjµgation of the secondary antibody and DAB staining. This data demonstrates the use of INA Antibody for immunohistochemistry. Clinical relevance has not been evaluated.

Immunofluorescence

Image 2. Confocal immunofluorescent analysis of INA Antibody (ABIN1539795 and ABIN2843772) with brain tissue followed by Alexa Fluor® 488-conjugated goat antimouse IgG (green). DI was used to stain the cell nuclear (blue).

Western Blotting

Image 3. "Anti-INA Antibody at 1:125 dilution + mouse brain lysate Secondary Goat Anti-mouse IgG, (H+L),Peroxidase conjugated at 1/10000 dilution. Predicted band size : 55391 Da Blocking/Dilution buffer: 5 % NFDM/TBST."

Please check the product details page for more images. Overall 4 images are available for ABIN1539795.

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