

Datasheet for ABIN2856771

anti-AIP antibody

5 Images

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Overview

Quantity:	100 µL
Target:	AIP
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AIP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ARA9. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Rabbit Polyclonal antibody to ARA9 (aryl hydrocarbon receptor interacting protein) ARA9 antibody [N1C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	AIP
Alternative Name:	aryl hydrocarbon receptor interacting protein (AIP Products)

Target Details

Background: The protein encoded by this gene is a receptor for aryl hydrocarbons and a ligand-activated transcription factor. The encoded protein is found in the cytoplasm as part of a multiprotein complex, but upon binding of ligand is transported to the nucleus. This protein can regulate the expression of many xenobiotic metabolizing enzymes. Also, the encoded protein can bind specifically to and inhibit the activity of hepatitis B virus.

Cellular Localization: Cytoplasm

Molecular Weight: 38 kDa

Gene ID: 9049

UniProt: [O00170](#)

Application Details

Application Notes: WB: 1:500-1:10000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: HeLa , Molt-4 , Raji , Mouse brain , PC-12 , Rat2

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

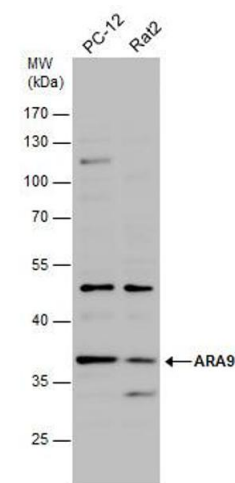
Buffer: 0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

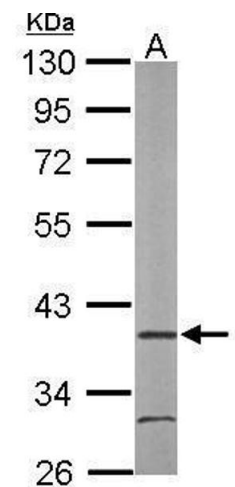
Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



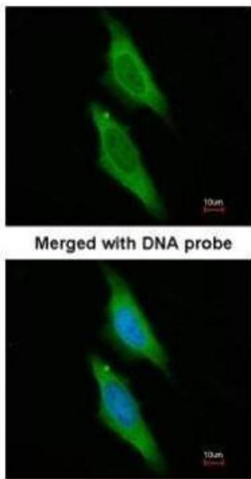
Western Blotting

Image 1. WB Image Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with ARA9 antibody [N1C3] , diluted at 1:500.



Western Blotting

Image 2. WB Image Sample (50 ug of whole cell lysate) A: Mouse brain 10% SDS PAGE antibody diluted at 1:1000



Immunofluorescence

Image 3. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using ARA9 , antibody at 1:200 dilution.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2856771.