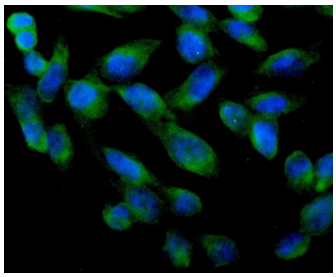
ARA9 Antibody (R31473)

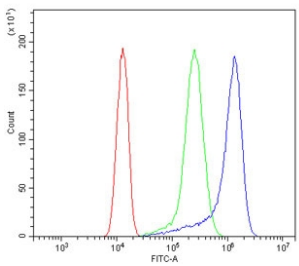
Catalog No.	Formulation	Size
R31473	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

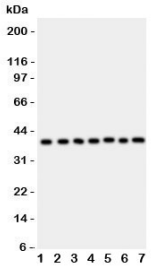
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
Gene ID	9049
Applications	Western blot: 0.5-1ug/ml Immunofluorescence: 2-4ug/ml Flow cytometry: 1-3ug/million cells
Limitations	This ARA9 antibody is available for research use only.



Immunofluorescent staining of FFPE human U-2 OS cells with ARA9 antibody (green) at 2ug/ml and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Flow cytometry testing of human A431 cells with ARA9 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= ARA9 antibody.



Western blot testing of ARA9 antibody and Lane 1: HeLa; 2: COLO320; 3: HT1080; 4: MCF-7; 5: SW620; 6: U87; 7: MM231; Predicted molecular weight: ~37 kDa.

Description

Aryl hydrocarbon receptor-associated protein-9 (ARA9), also known as AIP or XAP-2, is a protein that in humans is encoded by the AIP gene. This gene is mapped to 11q13.2. The encoded protein is found in the cytoplasm as part of a multiprotein complex, but upon binding of ligand is transported to the nucleus. ARA9/AIP may play a positive role in aryl hydrocarbon receptor-mediated signalling possibly by influencing its receptivity for ligand and/or its nuclear targeting. It has been shown that ARA9 is the cellular negative regulator of the hepatitis B virus (HBV) X protein. Mutations may be the cause of a familial form of acromegaly, familial isolated pituitary adenoma (FIPA).

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the ARA9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Human partial recombinant protein (AA 91-330) was used as the immunogen for this ARA9 antibody.

Storage

After reconstitution, the ARA9 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com
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