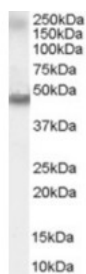


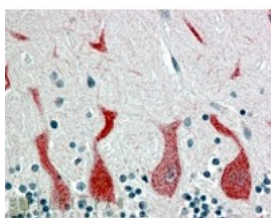


RARA Antibody

CATALOG NUMBER: 46-267



Western blot analysis of RARA in human brain lysate (RIPA buffer, 30 ug total protein per lane) using RARA Antibody at 0.03 ug/mL.



RARA staining of paraffin embedded human cerebellum using RARA Antibody at 4 ug/mL.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IHC, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:128000. Western Blot: Approximately 50+48 kDa bands observed in human brain lysates (calculated MW of 50.8 kDa according to NP_000955.1, NP_001019980.1 and NP_001028775.1). Recommended concentration: 0.03-0.3 ug/mL. Immunohistochemistry: In paraffin embedded human cerebellum shows staining of Purkinje cytoplasm. Recommended concentration, 4-6 ug/mL.
POSITIVE CONTROL:	1) Cat. No. 1303 - Human Brain Tissue Lysate
SPECIFICITY:	NP_000955.1 (isfa) and NP_001028775.1(alpha) represent identical proteins. This antibody is expected to recognize all three reported isoforms (NP_000955.1; NP_001019980.1; NP_001028775.1). Please note the epitope is from the mouse/rat sequence. Human sequence is SPSPSPSSNRSSPATHSP and thus highly similar.
IMMUNOGEN:	RARA antibody was raised against an 18 amino acid synthetic peptide near the C-Terminus of RARA.
HOST SPECIES:	Goat

Properties

PURIFICATION:	RARA antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	RARA antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	RARA, RAR, NR1B1, retinoic acid receptor, alpha, Retinoic acid receptor, alpha polypeptide, nucleophosmin-retinoic acid receptor alpha fusion protein NPM-RAR long form, nucleophosmin-retinoic acid receptor alpha
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fusion protein NPM-RAR short form

ACCESSION NO.:	NP_000955.1, NP_001019980.1, NP_001028775.1
PROTEIN GI NO.:	4506419
OFFICIAL SYMBOL:	RARA
GENE ID:	5914

Background

REFERENCES: 1) Farias EF, Ong DE, Ghyselinck NB, Nakajo S, Kuppumbatti YS, Mira y Lopez R. Cellular retinol-binding protein I, a regulator of breast epithelial retinoic acid receptor activity, cell differentiation, and tumorigenicity. J Natl Cancer Inst. 2005 Jan 5;97(1):21-9.

FOR RESEARCH USE ONLY

December 13, 2016