

Anti-RARA antibody (1-457) (STJ26160)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

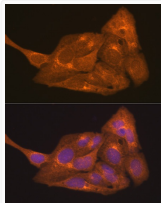
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 51kDa Observed Mw: 60kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

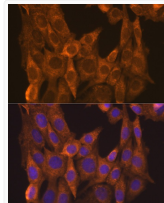
Gene ID	5914
Gene Symbol	RARA
UniProt ID	RARA_HUMAN
Immunogen Region	1-457
Immunogen Sequence	MYESVEVGGPTPNPFLVVDV YNQNRACLLPEKGLPAPGPY STPLRTPPLWNGSNHSIETQS SSSEEIVPSPSPPLPRIY KPCFVCQDKSSGYHYGVSAC EGCKGFFRRSIQKNMVTCH RDKNCIINKVTRNRCQYCRL QKCFEVMGMSKESVRNDRNKK KKEVPKPECSSESYTLTPEVG ELIEKVRKAHQETFPALCQL GKYYTNNSSQQRVSLDIDLW DKFSELSTKCIHTVEFAK
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-457 of human RAR Alpha (NP_001019980.1).

ADDITIONAL INFORMATION

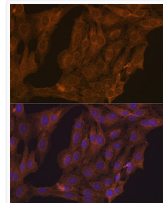
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



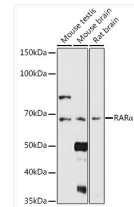
Immunofluorescence analysis of U2OS cells using RAR Alpha Rabbit polyclonal antibody (STJ26160) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



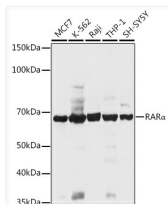
Immunofluorescence analysis of NIH/3T3 cells using RAR Alpha Rabbit polyclonal antibody (STJ26160) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using RAR Alpha Rabbit polyclonal antibody (STJ26160) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using RAR Alpha Rabbit polyclonal antibody (STJ26160) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis of various lysates using RAR Alpha Rabbit polyclonal antibody (STJ26160) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.