

RORα Rabbit pAb

CatalogNo: YT4166

Key Features

Host Species

- Rabbit

Reactivity

- Human, Monkey

Applications

- WB, IHC, IF, ELISA

MW

- 60kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000

IHC 1:100-1:300

IF 1:200-1:1000

ELISA 1:40000

Not yet tested in other applications.

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

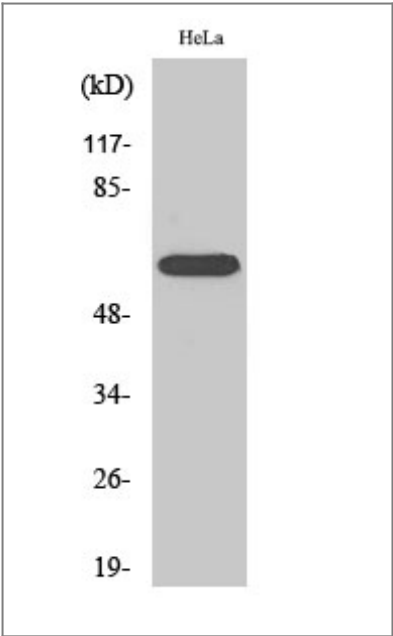
Immunogen The antiserum was produced against synthesized peptide derived from human RORA. AA range:6-55

Specificity RORα Polyclonal Antibody detects endogenous levels of RORα protein.

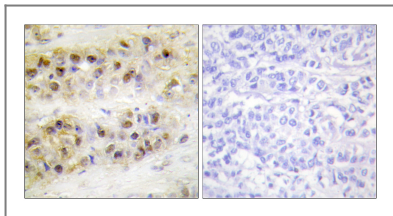
Target Information

Gene name	RORA		
Protein Name	Nuclear receptor ROR-alpha		
	Organism	Gene ID	UniProt ID
	Human	6095 ;	P35398 ;
	Mouse		P51448 ;
Cellular Localization	Nucleus .		
Tissue specificity	Widely expressed in a number of tissues. Expressed in both regulatory T-cells (Treg) and effector T-cells (Teff) (PubMed:18354202, PubMed:7916608). Isoform 4: Highly expressed in the central nervous system, including in the cerebellum (PubMed:29656859).		
Function	Function:Orphan nuclear receptor. Binds DNA as a monomer to hormone response elements (HRE) containing a single core motif half-site preceded by a short A-T-rich sequence. This isomer binds to the consensus sequence 5'-[AT][TA]A[AT][CGT]TAGGTCA-3'.,similarity:Belongs to the nuclear hormone receptor family.,similarity:Belongs to the nuclear hormone receptor family. NR1 subfamily.,similarity:Contains 1 nuclear receptor DNA-binding domain.,subunit:Monomer.,		

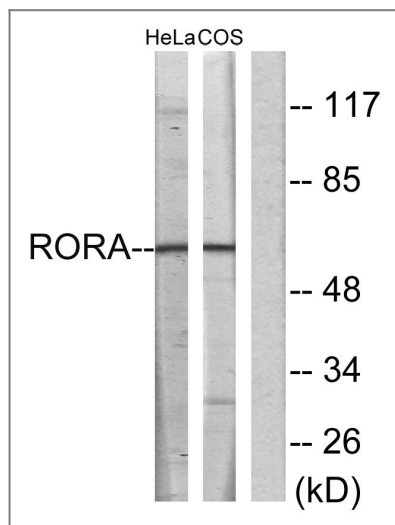
Validation Data



Western Blot analysis of various cells using RORα Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA).



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using RORA Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa and COS7 cells, using RORA Antibody. The lane on the right is blocked with the synthesized peptide.

Contact information

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Please scan the QR code to access additional product information:
RORα Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

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