antibodies -online.com





anti-RORC antibody (Ligand Binding Domain)

2 Images



Go to Product page

Overview	
Quantity:	50 μg
Target:	RORC
Binding Specificity:	Ligand Binding Domain
Reactivity:	Human, Monkey, Bat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Datails

IHC-plus™
Synthetic 18 amino acid peptide from ligand-binding domain of human ROR Gamma. Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Tamarin, Elephant, Bat (100%), Bovine, Rabbit, Horse (94%), Mouse, Rat, Hamster, Panda (89%), Dog (83%).
Type of Immunogen: Synthetic peptide
Human ROR Gamma. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Percent identity with other species by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Tamarin, Elephant, Bat (100%) Bovine, Rabbit, Horse (94%) Mouse, Rat, Hamster, Panda (89%) Dog (83%).

Product Details Purification: Immunoaffinity purified Target Details Target: **RORC** Alternative Name RORC / ROR gamma (RORC Products) Background: Name/Gene ID: RORC Subfamily: NR1 Thyroid hormone-like Family: NHR Synonyms: RORC, Nuclear receptor ROR-gamma, Nuclear receptor RZR-gamma, RAR-related orphan receptor C, RORG, RORgamma, TOR, ROR Gamma, RZRG, NR1F3, RZR-GAMMA Gene ID: 6097 Pathways: Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling Pathway **Application Details** Application Notes: Approved: IHC, IHC-P (20 µg/mL) Comment: Target Species of Antibody: Human Assay Procedure: The IHC-pro Immunohistochemistry Protocol **Tissue Preparation** Formalin fixation and embedding in paraffin wax **Tissue Sectioning** Make 4-µm sections and place on pre-cleaned and charged microscope slides. Heat in a tissue-drying oven for 45 minutes at 60°C Deparaffinization Wash slides in 3 changes of xylene - 5 minutes each at room temperature. Rehydration Wash slides in 3 changes of 100% alcohol – 3 minutes each at room temperature. Wash slides in 2 changes of 95% alcohol - 3 minutes each at room temperature. Wash slides in 1 change of 80% alcohol - 3 minutes at room temperature. Rinse slides in gentle running distilled water – 5 minutes at room temperature.

Antigen retrieval

Steam slides in 0.01 M sodium citrate buffer, pH 6.0 at 99-100°C - 20 minutes

Remove from heat and let stand at room temperature in buffer - 20 minutes

Rinse in 1X TBS with Tween (TBST) – 1 minute at room temperature.

Immunostaining

Do not allow tissues to dry at any time during the staining procedure.

Apply a universal protein block – 20 minutes at room temperature.

Drain protein block from slides, apply diluted primary antibody – 45 minutes at room temperature.

Rinse slides in 1X TBST - 1 minute at room temperature.

Apply a biotinylated secondary antibody (specific to the host of the primary antibody) - 30 minutes at room temperature.

Rinse slides 1X TBST – 1 minute at room temperature.

Apply alkaline phosphatase streptavidin – 30 minutes at room temperature.

Rinse slides in 1X TBST - 1 minute at room temperature.

Apply alkaline phosphatase chromogen substrate - 30 minutes at room temperature.

Wash slides in distilled water - 1 minute at room temperature.

Dehydrate

This method should only be used if the chromogen substrate is alcohol insoluble.

Wash slides in 2 changes of 80% alcohol – 1 minute each at room temperature.

Wash slides in 2 changes of 95% alcohol – 1 minute each at room temperature.

Wash slides in 3 changes of 100% alcohol – 1 minute each at room temperature.

Wash slides in 3 changes of xylene – 1 minute each at room temperature.

Apply coverslip

Restrictions:

For Research Use only

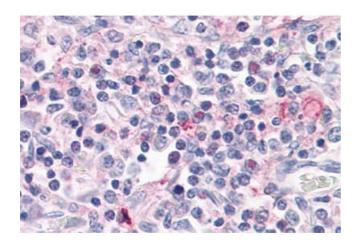
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, less than 0.1 % sodium azide.
Preservative:	Sodium azide

Handling

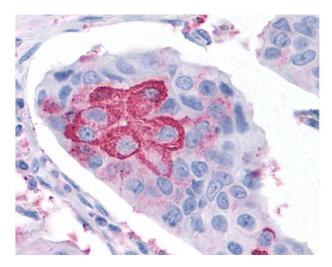
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.
Expiry Date:	12 months

Images



Immunohistochemistry

Image 1. Anti-ROR Gamma antibody ABIN1049302 IHC staining of human thymus. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



Immunohistochemistry

Image 2. Anti-RORC / ROR Gamma antibody IHC of human Breast, Carcinoma. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.