

Datasheet for ABIN2775749

anti-Retinoic Acid Receptor gamma antibody (Middle Region)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	Retinoic Acid Receptor gamma (RARG)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Sheep, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Retinoic Acid Receptor gamma antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RARG
Sequence:	QYCRLQKCFE VGMSKEAVRN DRNKKKKKEVK EEGSPDSYEL SPQLEELITK
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 93%
Characteristics:	This is a rabbit polyclonal antibody against RARG. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	Retinoic Acid Receptor gamma (RARG)
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Target Details

Alternative Name:	RARG (RARG Products)
Background:	<p>RARG is a receptor for retinoic acid. This metabolite has profound effects on vertebrate development. Retinoic acid is a morphogen and is a powerful teratogen. RARG controls cell function by directly regulating gene expression.</p> <p>Alias Symbols: NR1B3, RARC</p> <p>Protein Interaction Partner: ITGB1BP2, ACY3, RHPN2, ZNF576, LSR, OIP5, IL24, MTMR6, SPHK1, UBC, MRPL12, NKX3-1, HACE1, TNIP1, PNRC2, PNRC1, NCOR2, EIF3I, NCOA1, NR0B2, NCOA3, RXRG, RXRB, RXRA, MAP6, H2AFZ, SUZ12, SRC, AJUBA, SMAD3, HMGA1, NCOR1, NR2F6, SRF, DMPK,</p> <p>Protein Size: 454</p>
Molecular Weight:	50 kDa
Gene ID:	5916
NCBI Accession:	NM_000966 , NP_000957
UniProt:	P13631
Pathways:	Nuclear Receptor Transcription Pathway , Retinoic Acid Receptor Signaling Pathway , Steroid Hormone Mediated Signaling Pathway , Regulation of Cell Size

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 454 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

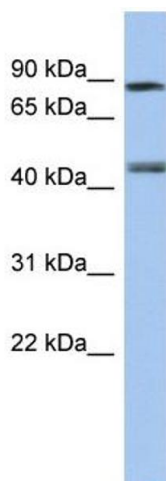
Handling

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

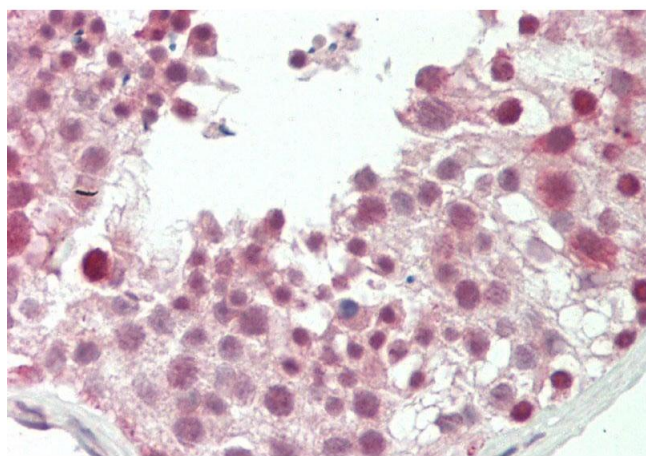
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-RARG Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human brain



Immunohistochemistry

Image 2. Rabbit Anti-RARG antibody Formalin Fixed Paraffin Embedded Tissue: Human Testis Primary antibody Concentration: 1:66.7 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20x Exposure Time: 0.5-2.0sec