

ARG64299 anti-Thyroid Hormone Receptor alpha antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes Thyroid Hormone Receptor alpha
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	IHC-P, WB
Specificity	This antibody is expected to recognize both reported isoforms (NP_955366.1; NP_003241.2). This antibody is not expected to cross-react to THRB.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	Thyroid Hormone Receptor alpha
Species	Human
Immunogen	C-KEEMIRSLQQR
Conjugation	Un-conjugated
Alternate Names	c-ERBA-1; c-erbA-1; Thyroid hormone receptor alpha; V-erbA-related protein 7; AR7; NR1A1; Nuclear receptor subfamily 1 group A member 1; ERBA1; CHNG6; THRA1; THRA2; ERB-T-1; c-erbA-alpha; ERBA; EAR7; EAR-7

Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 µg/ml
	WB	0.5 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

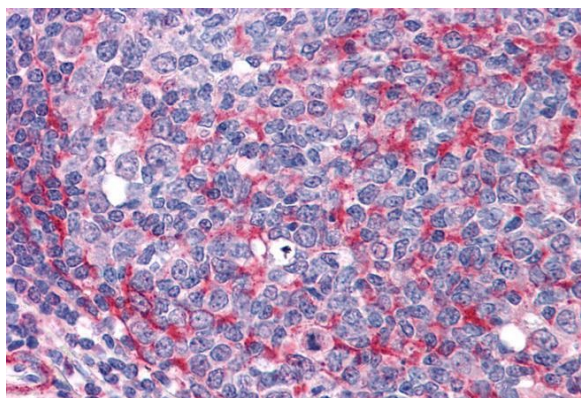
Database links	GeneID: 7067 Human Swiss-port # P10827 Human
Background	The protein encoded by this gene is a nuclear hormone receptor for triiodothyronine. It is one of the several receptors for thyroid hormone, and has been shown to mediate the biological activities of thyroid hormone. Knockout studies in mice suggest that the different receptors, while having certain extent of redundancy, may mediate different functions of thyroid hormone. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]
Research Area	Gene Regulation antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	55 kDa

Images



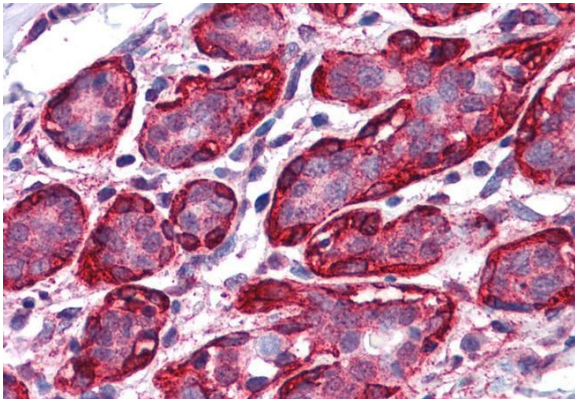
ARG64299 anti-Thyroid Hormone Receptor alpha antibody WB image

Western blot: Human Bone Marrow lysate (35 µg protein in RIPA buffer) stained with ARG64299 anti-Thyroid Hormone Receptor alpha antibody at 0.5 µg/ml dilution.



ARG64299 anti-Thyroid Hormone Receptor alpha antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human tonsil tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64299 anti-Thyroid Hormone Receptor alpha antibody at 3.75 µg/ml dilution followed by AP-staining.



ARG64299 anti-Thyroid Hormone Receptor alpha antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human breast tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64299 anti-Thyroid Hormone Receptor alpha antibody at 3.75 µg/ml dilution followed by AP-staining.