

Rabbit THR alpha Polyclonal Antibody | anti-THRA antibody

THR alpha Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322643	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

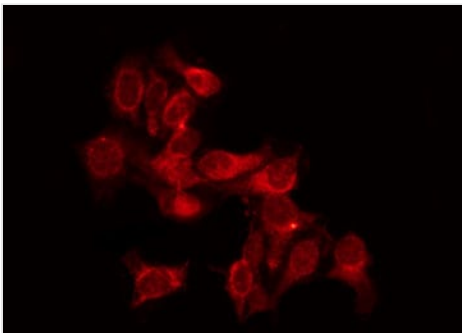
PRODUCT SYNONYMS

THR alpha; Polyclonal Antibody; THR alpha Antibody; AR7; c-erbA-1; C-erbA-alpha; CHNG6; EAR-7; EAR7; ERB-T-1; ERBA; ERBA-related 7; ERBA1; NR1A1; Nuclear receptor subfamily 1 group A member 1; THA_HUMAN; THRA; THRA1; THRA2; Thyroid hormone receptor alpha; thyroid hormone receptor; alpha (erythroblastic leukemia viral (v-erb-a) oncogene homolog; avian); thyroid hormone nuclear receptor alpha variant 1; triiodothyronine receptor; V-erbA-related protein 7; anti-THRA antibody

PRODUCT SPECIFICATIONS

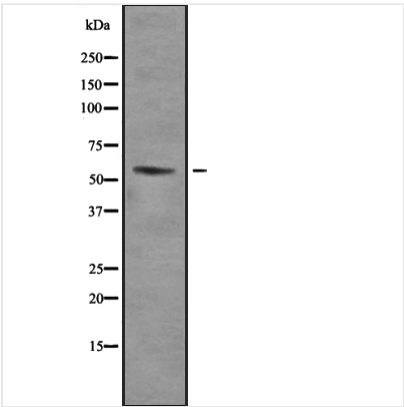
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TRalpha antibody detects endogenous levels of total TRalpha
Purity/Purification	Peptide affinity purification
Form/Format	Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	451
Applicable Applications for anti-THRA antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TRalpha, corresponding to a region within N-terminal amino acids.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA322643 staining SKOV3 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of TRalpha using SKOV3 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-THRA antibody	Function: Isoform Alpha-1: Nuclear hormone receptor that can act as a repressor or activator of transcription. High affinity receptor for thyroid hormones, including triiodothyronine and thyroxine. Subunit Structure: Binds DNA as a dimer; homodimer and heterodimer with RXRB. Interacts with NCOA3 and NCOA6 coactivators, leading to a strong increase of transcription of target genes. Probably interacts with SFPQ. Interacts with C1D. Interacts with AKAP13. Interacts with TP53INP2. Interacts with PER2. Similarity: Composed of three domains: a modulating N-terminal domain, a DNA-binding domain and a C-terminal ligand-binding domain. Belongs to the nuclear hormone receptor family. NR1 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300116307
NCBI GeneID	7067
NCBI Accession #	NP_001177847.1
NCBI GenBank Nucleotide #	NM_001190918.1
UniProt Accession #	P10827; P21205; Q8N6A1; Q96H73; A8K3B5
Molecular Weight	55 kDa
NCBI Official Full Name	thyroid hormone receptor alpha isoform 3
NCBI Official Synonym Full Names	thyroid hormone receptor alpha
NCBI Official Symbol	THRA
NCBI Official Synonym Symbols	AR7; EAR7; ERBA; CHNG6; ERBA1; NR1A1; THRA1; THRA2; ERB-T-1; c-ERBA-1
NCBI Protein Information	thyroid hormone receptor alpha
UniProt Protein Name	Thyroid hormone receptor alpha
UniProt Gene Name	THRA
UniProt Synonym Gene Names	EAR7; ERBA1; NR1A1; THRA1; THRA2; EAR-7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.