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Datasheet for ABIN6736434 anti-THRB antibody (AA 37-86)

2 Images



Overview

Quantity:	100 µL
Target:	THRB
Binding Specificity:	AA 37-86
Reactivity:	Human, Rat, Dog, Horse, Rabbit, Guinea Pig, Monkey, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This THRB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa37-86 of human THRB (P10828, NP_000452). Percent
	identity by BLAST analysis: Human, Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Horse
	(100%), Galago, Elephant, Dog, Guinea pig (85%), Mouse, Rat (78%).
	Type of Immunogen: Synthetic peptide
Specificity:	Human THRB
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Horse (100%) Dog, Guinea pig (85%).
Purification:	Immunoaffinity purified

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Target Details

-	
Target:	THRB
Alternative Name:	NR1A2 / THRB (THRB Products)
Background:	Name/Gene ID: THRB
	Subfamily: NR1 Thyroid hormone-like
	Family: NHR
	Synonyms: THRB, C-erba beta2, C-ERBA-2, ERBA-BETA, GRTH, Oncogene ERBA2, THRB2, TR-
	BETA, THRB1, NR1A2, Thyroid hormone receptor beta, Trbeta1, Trbeta2, C-erba beta1, C-ERBA-
	BETA, ERBA2, PRTH, THR1, Thyroid hormone receptor, beta, Trbeta
Gene ID:	7068
NCBI Accession:	NP_000452
UniProt:	P10828
Pathways:	Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling Pathway,
	Sensory Perception of Sound
Application Details	
Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry
	on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced
	antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were
	incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin
	and chromogen. The stained slides were evaluated by a pathologist to confirm staining

	antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were
	incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin
	and chromogen. The stained slides were evaluated by a pathologist to confirm staining
	specificity. The optimal working concentration for this antibody was determined to be 5 μ g/mL.
	This antibody was tested in a simple peptide-based ELISA.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	After adding water, will consist of PBS buffer with 2 % sucrose

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Handling

Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images

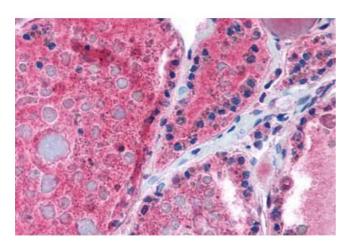
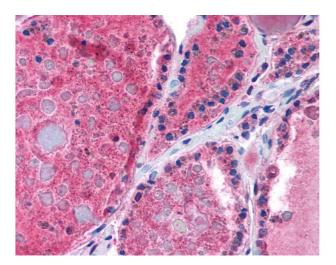


Image 1. Thyroid



Immunohistochemistry

Image 2. Anti-THRB antibody IHC of human thyroid. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other for ...

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