

For Research Use Only

# THRA Monoclonal antibody

Catalog Number: 66703-1-Ig

Featured Product

3 Publications



## Basic Information

<b>Catalog Number:</b> 66703-1-Ig	<b>GenBank Accession Number:</b> BC002728	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul, Concentration: 1300 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7067	<b>CloneNo.:</b> 1A11C8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P10827	<b>Recommended Dilutions:</b> WB 1:1000-1:8000 IHC 1:2000-1:8000 IF/ICC 1:650-1:2600
<b>Isotype:</b> IgG1	<b>Full Name:</b> thyroid hormone receptor, alpha (erythroblastic leukemia viral (v-erb-a) oncogene homolog, avian)	
<b>Immunogen Catalog Number:</b> AG27189	<b>Calculated MW:</b> 54 aa, 7 kDa	
	<b>Observed MW:</b> 45 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, ELISA

**Cited Applications:**  
WB

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
human, rat, pig

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB:** A431 cells,

**IHC:** mouse brain tissue, human thyroid cancer tissue, mouse heart tissue, rat heart tissue

**IF/ICC:** A431 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Jing Li	38981313	Theriogenology	WB
Dora A Mendez	38677465	Mol Cell Endocrinol	WB
Weimin Wang	38308097	Adv Sci (Weinh)	WB

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

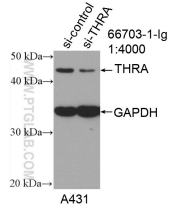
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

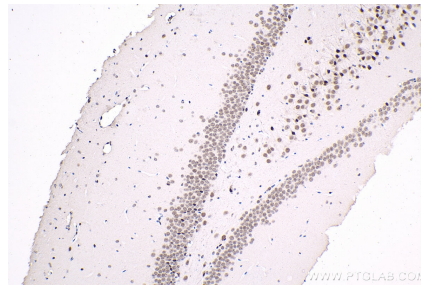
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

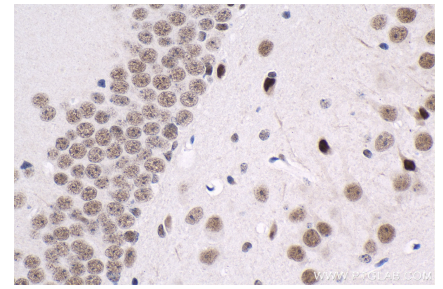
## Selected Validation Data



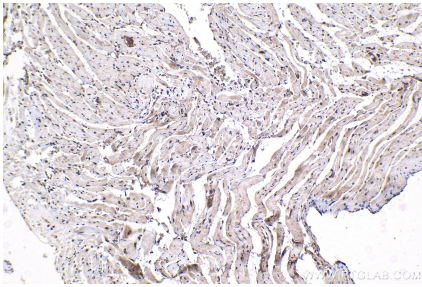
WB result of THRA antibody (66703-1-Ig; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-THRA transfected A431 cells.



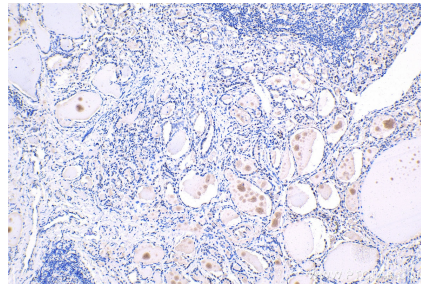
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66703-1-Ig (THRA antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



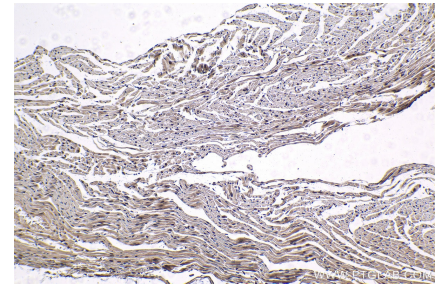
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66703-1-Ig (THRA antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



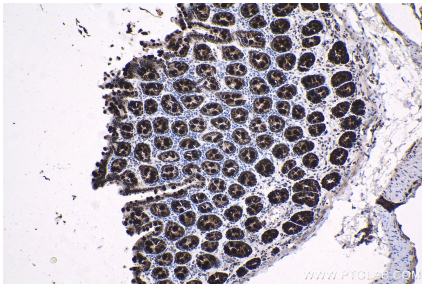
Immunohistochemical analysis of paraffin-embedded rat heart tissue slide using 66703-1-Ig (THRA antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



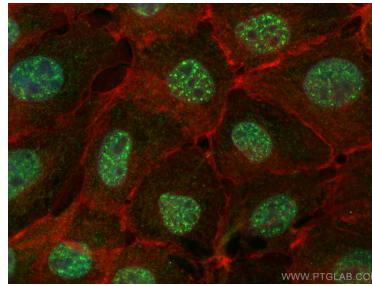
Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 66703-1-Ig (THRA antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 66703-1-Ig (THRA antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat colon tissue slide using 66703-1-Ig (THRA antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed A431 cells using THRA antibody (66703-1-Ig, Clone: 1A11C8) at dilution of 1:1300 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1), CL594-phalloidin (red).