

Nur für Forschungszwecke

TSHR Polyklonaler Antikörper

Katalog-Nr.:14450-1-AP

Vorgestelltes Produkt

12 Publikationen



Allgemeine Informationen

Katalog-Nr.: 14450-1-AP	GenBank-Zugangsnummer: BC063613	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 233 µg/ml von Nanodrop und 233 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 7253	Empfohlene Verdünnungen: WB 1:500-1:2000
Wirt: Kaninchen	Vollständiger Name: thyroid stimulating hormone receptor	
Isotyp: IgG	Berechnete Masse: 87 kDa	
Immunogen Katalognummer: AG5957	Beobachtete Masse: 62-70 kDa	

Anwendungen

Geprüfte Anwendungen: WB, ELISA	Positivkontrollen: WB : HeLa-Zellen, Maus-Eierstockgewebe, Maus-Thymusgewebe, Ratten-Thymusgewebe
In Publikationen genannte Anwendungen: IF, IHC, WB	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human, Maus, Zebrafisch	

Hintergrundinformationen

Thyroid stimulating hormone (also known as thyrotropin or TSH) is a glycoprotein hormone produced by thyrotrophs in the anterior pituitary gland. The TSH receptor (TSHR), mainly expressed on the thyroid epithelial cells, is a G protein-coupled receptor (GPCR) of the seven-transmembrane domain family and plays a central role in controlling thyroid cell metabolism. The gene of TSHR maps to chromosome 14q31.1, and encodes a 764-amino acid protein with a predicted unmodified molecular weight of 86.8 kDa. The apparent molecular weight of glycosylated form is 95-120 kDa. Studies reveal that TSHR is composed of two subunits, A and B, which are produced by cleavage of single-chain TSHR on the cell surface and subsequently connected by disulfide bonds. This rabbit polyclonal antibody raised against N-terminal region (1-253 aa) of human TSHR can detect glycosylated subunit A with an experimentally determined molecular weight of 62-70 kDa under reducing condition. (PMID: 20578897, 17158770, 12593718)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jing Zhang	36142613	Int J Mol Sci	WB
Jianlu Song	30323976	Am J Cancer Res	WB
Luc H J Sondorp	33142750	Cancers (Basel)	IF

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

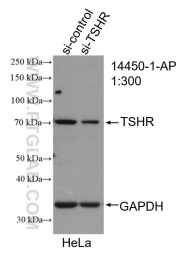
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

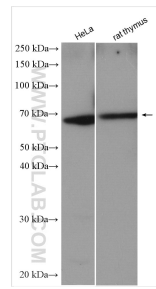
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



WB result of TSHR antibody (14450-1-AP; 1:300; incubated at room temperature for 1.5 hours) with sh-Control and sh-TSHR transfected HeLa cells.



HeLa cells were subjected to SDS PAGE followed by western blot with 14450-1-AP (TSHR antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.