A1582

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TRβ1/THRB Rabbit pAb

Catalog No.: A1582 3 Publications

Basic Information

Observed MW
53kDa

Calculated MW
53kDa

Category
Polyclonal Antibody

Applications
WB,ELISA

Cross-Reactivity
Human,Mouse,Rat

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. Mutations in this gene are known to be a cause of generalized thyroid hormone resistance (GTHR), a syndrome characterized by goiter and high levels of circulating thyroid hormone (T3-T4), with normal or slightly elevated thyroid stimulating hormone (TSH). Several alternatively spliced transcript variants encoding the same protein have been observed for this gene.

Recommended Dilutions

WB	1:2000 - 1:5000
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
7068

Swiss Prot
P10828

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
TRb; GRTH; PRTH; THR1; ERBA2; NR1A2; THRB1; THRB2; TRbeta; THRbeta; TRbeta1; C-ERBA-2; THRbeta1; Thrbeta2; C-ERBA-BETA; TRβ1/THRB

Contact

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Product Information

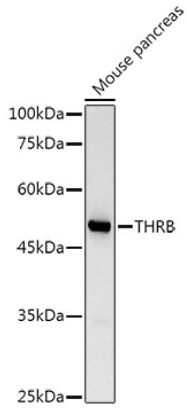
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from Mouse pancreas, using TRβ1/THRB Rabbit pAb (A1582) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25μg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.