

Thyroid peroxidase Polyclonal Antibody

Catalog: BS65647

Host: Rabbit

Reactivity: Human, Mouse, Rat,

BackGround:

This gene encodes a membrane-bound glycoprotein. The encoded protein acts as an enzyme and plays a central role in thyroid gland function. The protein functions in the iodination of tyrosine residues in thyroglobulin and phenoxy-ester formation between pairs of iodinated tyrosines to generate the thyroid hormones, thyroxine and triiodothyronine. Mutations in this gene are associated with several disorders of thyroid hormonogenesis, including congenital hypothyroidism, congenital goiter, and thyroid hormone organification defect IIA. Multiple transcript variants encoding distinct isoforms have been identified for this gene, but the full-length nature of some variants has not been determined. [provided by RefSeq, May 2011].

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

105 kD

Swiss-Prot:

P07202

Purification&Purity:

affinity purified by Protein A

Applications:

WB=1:500-2000

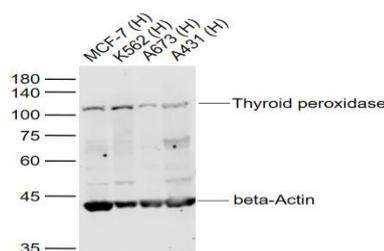
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Thyroid peroxidase Polyclonal Antibody detects endogenous levels of Thyroid peroxidase protein.

DATA:



Sample:

Lane 1: MCF-7 (Human) Cell Lysate at 30 ug

Lane 2: K562 (Human) Cell Lysate at 30 ug

Lane 3: A673 (Human) Cell Lysate at 30 ug

Lane 4: A431 (Human) Cell Lysate at 30 ug

Primary:

Anti-Thyroid peroxidase (bs-10406R) at 1/1000 dilution

Anti-beta-Actin (bs-0061R) at 1/2000 dilution

Note:

For research use only, not for use in diagnostic procedure.

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