

## Anti-Thyroid peroxidase antibody (Internal) (STJ72638)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/IHC
Host / Source	Goat
Reactivity	Human

### PRODUCT PROPERTIES

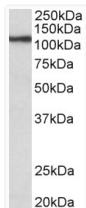
Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:16000. WB: Approx 110kDa band observed in Human Thyroid Gland lysates (calculated MW of 103kDa according to NP_000538.3). Recommended concentration: 0.3-1µg/ml. IHC: In paraffin embedded Huma
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

Gene ID	<a href="#">7173</a>
Gene Symbol	<a href="#">TPO</a>
UniProt ID	<a href="#">PERT_HUMAN</a>
Immunogen Region	Internal
Immunogen Sequence	TRHVIQVSNEVVTDD
Specificity	This antibody is expected to recognize reported isoforms a (NP_000538.3) , b (NP_783650.1) , d (NP_78652.1) , and e (NP_783653.1).

### ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



STJ72638 (0.3µg/ml) staining of Human Thyroid Gland lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.