



# Anti-Thyroxine polyclonal antibody (DPBT-65797ST)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Sheep Anti THYROXINESheep Anti THYROXINE
<b>Target</b>	Thyroxine
<b>Immunogen</b>	Synthetic peptide corresponding to part of the native molecule conjugated to Keyhole limpet Haemocyanin.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Sheep
<b>Species Reactivity</b>	Broad
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC, ELISA, FC, RIA, WB
<b>Format</b>	Serum - liquid
<b>Size</b>	50 µl
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Store at +4 °C or at -20 °C if preferred.Storage in frost-free freezers is not recommended.This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

## BACKGROUND

**Introduction**

Thyroxine, or 3,5,3,5-tetraiodothyronine (often abbreviated as T4), a form of thyroid hormones, is the major hormone secreted by the follicular cells of the thyroid gland. Hormone produced by the thyroid glands to regulate metabolism by controlling the rate of oxidation in cells. Cases of hypothyroidism, where the gland is insufficiently active, can be treated by administration of thyroxine or a combination of thyroxine and triiodothyronine.

**Keywords**

Thyroxine; Thyroxine (T4); T4; o-(4-hydroxy-3,5-diiodophenyl)-3,5-diiodotyrosine; thyroxin; thyroxinal; tetraiodothyronine; L-THYROXINE SODIUM; thx; thyreoideum; 3,3,5,5-TETRAIODO-L-THYRONINE; tetraiodothyronine; Thyrax; TETRADIODOTHYRONINE; tetraiodothyronine; 3,5,3',5'-tetraiodot TETRAIODO; THYRONINE, NA; L-THYROXINE CELL CULTURE TESTED; hyronine3-[4-(4-Hydroxy-3,5-diiodophenoxy)-3,5-diiodophenyl]-L-alanine; Henning