

Product datasheet for **AP05537SU-N**

Thyroxine Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	R
Recommended Dilution:	Radioimmunoassays: 1/19.
Reactivity:	Broad
Host:	Sheep
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to part of the native molecule conjugated to Keyhole limpet Haemocyanin.
Specificity:	This antibody recognises Thyroxine, also known as T4. This antibody shows minimal reactivity with T3 (approximately 0.2%)
Formulation:	State: Serum State: Liquid serum containing 0.09% Sodium Azide (NaN ₃)
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	Thyroxine is the major hormone secreted by the follicular cells of the thyroid gland. Thyroxine's main role is to regulate metabolic processes in the body such as heart rate, along with Triiodothyronine (T3). T4 is involved in thyroid disorders, such as hyperthyroidism and hypothyroidism.
Synonyms:	Tetraiodthyronin, T4



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