

## Datasheet: 8960-0264

<b>Description:</b>	SHEEP ANTI THYROXINE
<b>Specificity:</b>	THYROXINE
<b>Other names:</b>	T4
<b>Format:</b>	Serum
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	50 µl

## Product Details

**RRID** AB\_619777

**Applications** This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Western Blotting			▪	
Radioimmunoassays	▪			1/19

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

**Target Species** Broad

**Product Form** Serum - liquid

**Preservative Stabilisers** 0.09% Sodium Azide (NaN<sub>3</sub>)

**Immunogen** Synthetic peptide corresponding to part of the native molecule conjugated to Keyhole limpet Haemocyanin.

**Specificity** **Sheep anti thyroxine antibody** recognizes Thyroxine, also known as T4, 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.

Sheep anti thyroxine antibody (**8960-0264**) shows minimal reactivity with T3 (approximately 0.2%).

**Storage** 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.

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**Guarantee** 18 months from date of despatch.

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**Health And Safety Information** Material Safety Datasheet documentation #10081 available at:  
10081: <https://www.bio-rad-antibodies.com/uploads/MSDS/10081.pdf>

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [DyLight@488](#), [DyLight@549](#), [DyLight@649](#),  
[FITC](#), [HRP](#)

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

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