

## Product Datasheet

### alpha 1 Antichymotrypsin antibody (orb21237)

**Description**

Sheep polyclonal antibody to alpha 1

**Species/Host**

Sheep

**Conjugation**

Unconjugated

**Preservatives**

Delipidated, heat inactivated, lyophilized, stable antiserum. No preservative added. Total protein and IgG concentration are comparable to those of pooled normal sheep serum.

**Form/Appearance**

Delipidated, heat inactivated, lyophilized, stable antiserum. No preservative added. Total protein and IgG concentration are comparable to those of pooled normal sheep serum.

**Storage**

Storage: The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. Dilutions may be prepared by adding phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the antiserum. Diluted antiserum should be stored at +4°C, not refrozen, and preferably used the same day

**Note**

For research use only

**Clonality**

Polyclonal

**Source**

Alpha-1 antichymotrypsin is a protease inhibitor with a molecular weight of 68.000. Its concentration in fetal human serum is low at birth, but the concentration increases rapidly to normal plasma levels of about 4.5 µg/ml. Alpha-1 antichymotrypsin is regulated like an acute phase reactant. It has been isolated as a homogenous protein for use in the antiserum production. Freund's complete adjuvant is used in the first step of the immunization procedure.

**Uniprot ID**

**P01011**

**Hazard**

This product is intended FOR RESEARCH

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