

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Serpin A3/ α 1-Antichymotrypsin in Western blots. In Western blots, less than 5% cross-reactivity with recombinant human HAI-2 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Serpin A3/ α 1-Antichymotrypsin Asn26-Ala423 Accession # P01011
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Western Blot	0.1 μ g/mL	Recombinant Human Serpin A3/ α 1-Antichymotrypsin (Catalog # 1295-PI)

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Serpin A3, also called α 1-Antichymotrypsin, is a major constituent of the plaques associated with Alzheimer's disease. Deficiency in Serpin A3 activity is associated with chronic obstructive pulmonary disease.