

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse Serpin A6 in direct ELISAs and Western blots. In direct ELISAs, approximately 25% cross-reactivity with recombinant rat Serpin A6 is observed and less than 1% cross-reactivity with recombinant human (rh) Serpin A1 and rhSerpin A5 is observed. In Western blots, less than 5% cross-reactivity with recombinant human Serpin A4 is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Serpin A6 Val23-Ala397 Accession # Q06770
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

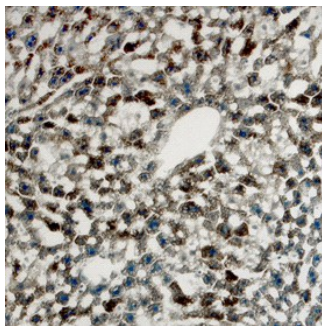
APPLICATIONS

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 µg/mL	Recombinant Mouse Serpin A6
Immunohistochemistry	5-15 µg/mL	See Below

DATA

Immunohistochemistry



Serpin A6 in Mouse Liver. Serpin A6 was detected in perfusion fixed frozen sections of mouse liver using Goat Anti-Mouse Serpin A6 Antigen Affinity-purified Polyclonal Antibody (Catalog # AF4065) at 15 µg/mL overnight at 4 °C. Tissue was stained using the Anti-Goat HRP-DAB Cell & Tissue Staining Kit (brown; Catalog # CTS008) and counterstained with hematoxylin (blue). Specific labeling was localized to the cytoplasm of hepatocytes. View our protocol for [Chromogenic IHC Staining of Frozen Tissue Sections](#).

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. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <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 A6 (also known as corticosteroid-binding globulin/CBG and Transcortin) is a 50-60 kDa, secreted glycoprotein member of the serpin family of protease inhibitors. It is produced by hepatocytes and transports > 90% of circulating cortisol. Although Serpin A6 is a serpin family member, it shows no protease inhibition. Mature mouse Serpin A6 is 375 amino acids (aa) in length. Over aa 23-397, mouse Serpin A6 shares 78% and 57% aa sequence identity with rat and human Serpin A6, respectively.