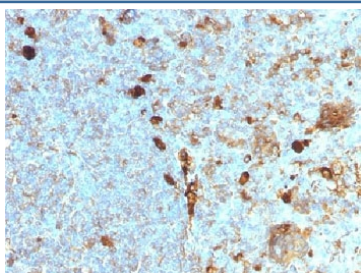


Alpha 1 Antitrypsin Antibody (Hepatocyte Marker) [clone AAT/1378] (V3221)

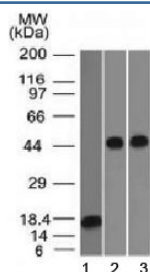
Catalog No.	Formulation	Size
V3221-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3221-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3221SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

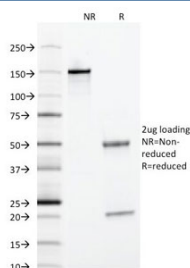
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	AAT/1378
Purity	Protein G affinity
UniProt	P01009
Localization	Cytoplasmic
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 0.5-1ug/ml for 30 min at RT
Limitations	This Alpha 1 Antitrypsin antibody is available for research use only.



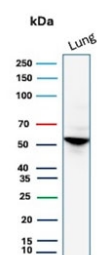
IHC testing of FFPE human tonsil with Alpha 1 Antitrypsin antibody (clone AAT/1378).
Required HIER: steam sections in pH6, 10mM citrate buffer for 10-20 min.



Western blot testing of 1) a partial recombinant protein, 2) human Jurkat and 3) human A549 lysate with Alpha 1 Antitrypsin antibody (clone AAT/1378). Expected molecular weight: ~47 kDa (unmodified), 52 kDa (glycosylated).



SDS-PAGE Analysis of Purified, BSA-Free Alpha 1 Antitrypsin Antibody (clone AAT/1378). Confirmation of Integrity and Purity of the Antibody.



Western blot testing of human lung tissue lysate with Alpha 1 Antitrypsin antibody. Expected molecular weight: 47-52 kDa depending on the level of glycosylation.

Description

The immunohistochemical staining of Alpha 1 Antitrypsin (AAT) is useful in identification of benign and malignant hepatic tumors and yolk sac carcinomas. Positive staining for AAT is also used in detection of benign and malignant lesions of histiocytic nature. This antibody is may also useful tool in the screening of patients with cryptogenic cirrhosis or other forms of liver disease with fibrosis of uncertain origin.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Alpha 1 Antitrypsin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A human partial recombinant protein was used as the immunogen for this Alpha 1 Antitrypsin antibody.

Storage

Store the Alpha 1 Antitrypsin antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

