

## Rabbit Polyclonal Antibody to Human Alpha-1-Antitrypsin

<b>Catalog No.:</b>	RP 048, RP 048-05
<b>Intended Use:</b>	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person (s) when evaluating and interpreting results.
<b>Immunogen:</b>	Alpha-1-antitrypsin isolated from human serum.
<b>Host:</b>	Rabbit
<b>Format:</b>	Purified immunoglobulin fraction of rabbit antiserum against alpha-1-antitrypsin containing sodium azide as a preservative.
<b>Titer/Working Dilution:</b>	This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
<b>Staining Protocol:</b>	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>Suitable for formalin fixed, paraffin embedded tissue sections.</u>
<b>Specificity:</b>	The antibody is specific against human alpha-1-antitrypsin. It stains macrophages in human tissues and does not stain any other cell type. This antibody shows cross reactivity against a wide range of mammalian species.
<b>Positive Control:</b>	Tonsil
<b>Cellular Localization:</b>	Cytoplasmic
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
<b>References:</b>	<ol style="list-style-type: none"><li>1. Clausen et al. Acta Path Microbiol Sect A 88: 299, 1980.</li><li>2. Kalsheker et al. Alic Chim Acta 148; 157, 1985.</li><li>3. Krugliak et al. Am J Hematol 21: 99, 1982.</li></ol>

### IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

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