

Product datasheet for DP048-05

alpha 1 Antitrypsin (SERPINA1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on formalin-fixed paraffin embedded sections: dilute 1:25-1:50 in an ABC method (30 minutes at room temperature). Recommended Positive Control: Tonsil
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Alpha-1-antitrypsin isolated from human serum
Specificity:	The antibody is specific against alpha-1-antitrypsin. This antibody stains macrophages in human tissues and does not stain any other cell type. Cellular Localization: Cytoplasmic
Formulation:	State: Purified State: Liquid Ig fraction containing sodium azide as preservative
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	serpin family A member 1
Database Link:	Entrez Gene 5265 Human P01009
Background:	Alpha 1 Antitrypsin is a plasma protein synthesised in the liver. It consists of a single polypeptide chain and has a molecular weight of 52 kDa. A serine protease inhibitor, its primary function is the protection of lung tissue from the action of neutrophil elastase.
Synonyms:	SERPINA1, AAT



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