

Product datasheet for DP047-05

alpha 1 Antichymotrypsin (SERPINA3) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on frozen sections. Immunohistochemistry on formalin-fixed paraffin embedded sections: diluted of 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-antichymotrypsin isolated from human serum
Specificity:	The antibody is specific against human alpha-1-antichymotrypsin. Cellular Localization: Cytoplasmic.
Formulation:	Containing sodium azide as preservative State: Purified State: Liquid Ig fraction
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 3
Database Link:	Entrez Gene 12 Human P01011
Background:	Alpha 1 Antichymotrypsin is a plasma protease inhibitor and member of the serine protease inhibitor class. Polymorphisms in this protein appear to be tissue specific and influence protease targeting. Variation in this protein's sequence have been implicated in Alzheimer's disease, and deficiency of this protein has been associated with liver disease. Mutations have been identified in patients with Parkinson disease and chronic obstructive pulmonary disease.
Synonyms:	SERPINA3, AACT, GIG24, GIG25



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Note: This antibody shows cross reactivity against wide range of mammalian species.