

Product datasheet for DP047-05

OriGene Technologies, Inc.

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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

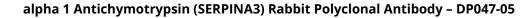
inhibitor class. Polymorphisms in this protein appear to be tissue specific and influence protease targeting. Variation in this protein's sequence have been implicated in Alzheimer's disease, and deficiency of this protein has been associated with liver disease. Mutations have

been identified in patients with Parkinson disease and chronic obstructive pulmonary

disease.

Synonyms: SERPINA3, AACT, GIG24, GIG25







Note:

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