

## Complement C5a anaphylatoxin Polyclonal Antibody

Catalog No: #42092

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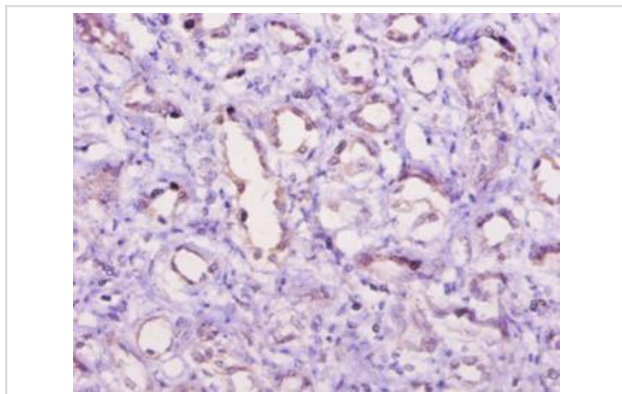
## Description

Product Name	Complement C5a anaphylatoxin Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu Pig
Specificity	The antibody detects endogenous level of total Complement C5a anaphylatoxin polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant Pig Complement C5a anaphylatoxin protein
Target Name	Complement C5a anaphylatoxin
Other Names	C5
Accession No.	Swiss-Prot#: P01032
Uniprot	P01032
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1:20 - 1:200

## Images



Immunohistochemical analysis of paraffin-embedded human kidney using #42092 at dilution of 1:10.

## Background

Derived from proteolytic degradation of complement C5, C5 anaphylatoxin is a mediator of local inflammatory process. It induces the contraction of smooth muscle, increases vascular permeability and causes histamine release from mast cells and basophilic leukocytes. C5a also stimulates the locomotion of polymorphonuclear leukocytes (chemokinesis) and direct their migration toward sites of inflammation (chemotaxis).

## References

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[1]Amino acid sequence of the anaphylatoxin from the fifth component of porcine complement.Gerard C., Hugli T.E.J. Biol. Chem. 255:4710-4715(1980) [2]Identification of classical anaphylatoxin as the des-Arg form of the C5a molecule: evidence of a modul

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Note: This product is for in vitro research use only