

Polyclonal Antibody to Complement Component 5a (C5a)

Complement Component 5a

Catalog # AP74784

Product Information

Application	WB
Primary Accession	P01032
Reactivity	Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	8609

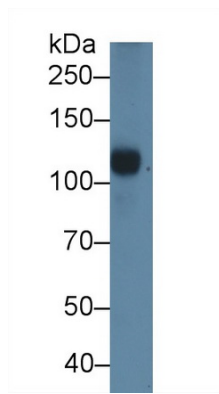
Additional Information

Other Names	Complement C5a anaphylatoxin, C5
Target/Specificity	Sus scrofa; Porcine (Pig)
Dilution	WB~~Western blotting: 0.5-2 μ g/mL Immunohistochemistry: 5-20 μ g/mL Immunocytochemistry: 5-20 μ g/mL Optimal working dilutions must be determined by end user.
Format	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	C5
Function	Mediator of local inflammatory process released following cleavage by C5 convertase. Acts by binding to its receptor (C5AR1 or C5AR2), activating G protein-coupled receptor signaling and inducing a variety of responses including intracellular calcium release, contraction of smooth muscle, increased vascular permeability, and histamine release from mast cells and basophilic leukocytes. C5a is also a potent chemokine which stimulates the locomotion of polymorphonuclear leukocytes and directs their migration toward sites of inflammation.
Cellular Location	Secreted.

Images



Western Blot; Sample: Porcine Serum Primary Ab: 2 µg/ml
Rabbit Anti-Porcine C5a Antibody Second Ab: 0

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.