

Polyclonal Antibody to Complement Component 4a (C4a)

Complement Component 4a

Catalog # AP74586

Product Information

Application	WB
Primary Accession	P08649
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	192163

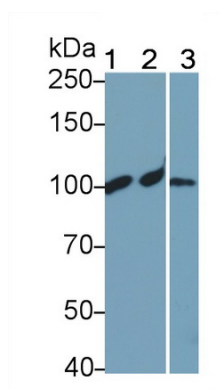
Additional Information

Gene ID	24233
Other Names	C4a anaphylatoxin
Target/Specificity	Rattus norvegicus (Rat)
Dilution	WB~~Western blotting: 0.5-2 μ g/mL;1:120-480 Immunohistochemistry: 5-20 μ g/mL;1:12-48 Immunocytochemistry: 5-20 μ g/mL;1:12-48 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	C4 {ECO:0000303 PubMed:8805663, ECO:0000312 RGD:620005}
Synonyms	C4a
Function	Precursor of non-enzymatic components of the classical, lectin and GZMK complement pathways, which consist in a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system.
Cellular Location	Secreted {ECO:0000250 UniProtKB:P0C0L4}. [Complement C4b]: Secreted {ECO:0000250 UniProtKB:P0C0L4}. Cell surface {ECO:0000250 UniProtKB:P0C0L4}. Note=Covalently associated with the surface of pathogens: the internal thioester bond reacts with carbohydrate antigens on the target surface to form amide or ester bonds. {ECO:0000250 UniProtKB:P0C0L4}

Images



Western Blot; Sample: Lane1: Rat Serum; Lane2: Rat Plasma; Lane3: Mouse Serum Primary Ab: 0.2 $\mu\text{g/ml}$ Rabbit Anti-Rat C4a Antibody Second Ab: 0.2 $\mu\text{g/mL}$ HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Catalog: SAA544Rb19)

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