

ARG45456 anti-F11 antibody

Package: 50 μg Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes F11
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
lsotype	lgG
Target Name	F11
Species	Human
Immunogen	Recombinant protein containing to human F11.
Conjugation	Un-conjugated
Alternate Names	F11; Coagulation Factor XI; FXI; Plasma Thromboplastin Antecedent; PTA; Coagualtion Factor XI; EC 3.4.21

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 μg/10^6 cells
	ICC/IF	5 μg/ml
	WB	0.1-0.25 μg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	150 kDa	

Properties

Form	Powder
Purification	Affinity purified
Buffer	0.2% Na2HPO4, 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Gene Symbol	F11
Gene Full Name	Coagulation Factor XI
Background	This gene encodes coagulation factor XI of the blood coagulation cascade. This protein is present in plasma as a zymogen, which is a unique plasma coagulation enzyme because it exists as a homodimer consisting of two identical polypeptide chains linked by disulfide bonds. During activation of the plasma factor XI, an internal peptide bond is cleaved by factor XIIa (or XII) in each of the two chains, resulting in activated factor XIa, a serine protease composed of two heavy and two light chains held together by disulfide bonds. This activated plasma factor XI triggers the middle phase of the intrisic pathway of blood coagulation by activating factor IX. Defects in this factor lead to Rosenthal syndrome, a blood coagulation abnormality. [provided by RefSeq, Jul 2008]
Function	Factor XI triggers the middle phase of the intrinsic pathway of blood coagulation by activating factor IX. [UniProt]
Calculated Mw	70 kDa
PTM	Disulfide bond; Glycoprotein; Zymogen. [UniProt]
Cellular Localization	Secreted. [UniProt]

Images



ARG45456 anti-F11 antibody ICC/IF image

Immunofluorescence: SiHa stained with ARG45456 anti-F11 antibody at 5 $\mu g/ml$ dilution.



ARG45456 anti-F11 antibody WB image

Western blot: HCCP stained with ARG45456 anti-F11 antibody at 0.25 $\mu g/ml$ dilution.



Rat liver

- 250

- 150 - 90 - 75 - 60

- 45 - 35 - 26

ARG45456 anti-F11 antibody FACS image

Flow Cytometry: HepG2 stained with ARG45456 anti-F11 antibody at 1 $\mu g/10^{6}$ cells dilution.

ARG45456 anti-F11 antibody WB image

Western blot: Rat liver stained with ARG45456 anti-F11 antibody at 0.25 $\mu g/ml$ dilution.



ARG45456 anti-F11 antibody WB image

Western blot: Mouse liver stained with ARG45456 anti-F11 antibody at 0.25 $\mu g/ml$ dilution.