

Tissue Factor (13K19) Rabbit Monoclonal Antibody

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Catalog # AP93820

Product Information

Application	WB, IP
Primary Accession	P20352
Reactivity	Mouse
Clonality	Monoclonal
Calculated MW	32935

Additional Information

Gene ID	14066
Other Names	Tissue factor, TF, Coagulation factor III, CD142, F3, Cf-3, Cf3
Dilution	WB~~1:1000 IP~~N/A
Storage Conditions	-20°C

Protein Information

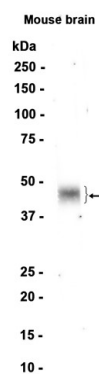
Name	F3
Synonyms	Cf-3, Cf3
Function	Initiates blood coagulation by forming a complex with circulating factor VII or VIIa. The [TF:VIIa] complex activates factors IX or X by specific limited proteolysis. TF plays a role in normal hemostasis by initiating the cell-surface assembly and propagation of the coagulation protease cascade.
Cellular Location	Membrane {ECO:0000250 UniProtKB:P13726}; Single-pass type I membrane protein {ECO:0000250 UniProtKB:P13726}

Background

This gene encodes a membrane-bound glycoprotein that forms the primary physiological initiator of the blood coagulation process following vascular damage. The encoded protein binds to coagulation factor VIIa and the ensuing complex catalyzes the proteolytic activation of coagulation factors IX and X. Mice lacking encoded protein die in utero resulting from massive hemorrhaging in both extraembryonic and embryonic vessels. A severe deficiency of the encoded protein in mice results in impaired uterine homeostasis, shorter life spans due to spontaneous fatal hemorrhages and cardiac fibrosis. [provided by RefSeq, Aug 2015]

Images

Mouse brain



kDa

250 -

150 -

100 -

75 -

50 -

37 -

25 -

20 -

15 -

10 -

Western blot analysis of extracts from Mouse brain tissue using AP93820 at 1:1000.

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