

**TF rabbit pAb****Cat#: orb766799 (Manual)**

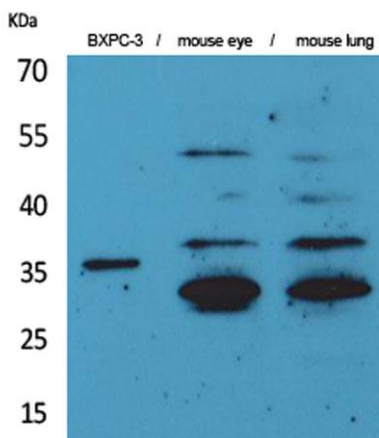
For research use only. Not intended for diagnostic use.

<b>Product Name</b>	TF rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human F3. AA range:131-180
<b>Specificity</b>	TF Polyclonal Antibody detects endogenous levels of TF protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Tissue factor
<b>Gene Name</b>	F3
<b>Cellular localization</b>	[Isoform 1]: Membrane ; Single-pass type I membrane protein .; [Isoform 2]: Secreted .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

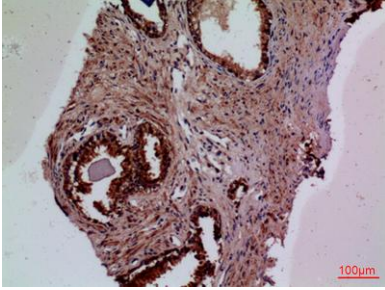
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	33kD
<b>Human Gene ID</b>	2152
<b>Human Swiss-Prot Number</b>	P13726
<b>Alternative Names</b>	F3; Tissue factor; TF; Coagulation factor III; Thromboplastin; CD142

**Background**

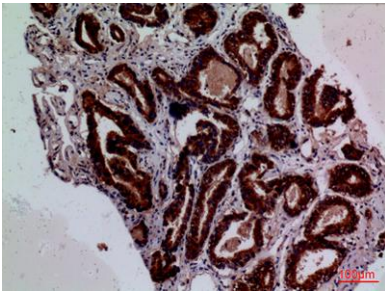
This gene encodes coagulation factor III which is a cell surface glycoprotein. This factor enables cells to initiate the blood coagulation cascades, and it functions as the high-affinity receptor for the coagulation factor VII. The resulting complex provides a catalytic event that is responsible for initiation of the coagulation protease cascades by specific limited proteolysis. Unlike the other cofactors of these protease cascades, which circulate as nonfunctional precursors, this factor is a potent initiator that is fully functional when expressed on cell surfaces. There are 3 distinct domains of this factor: extracellular, transmembrane, and cytoplasmic. This protein is the only one in the coagulation pathway for which a congenital deficiency has not been described. Alternate splicing results in multiple transcript variants.[provided by RefSeq, May 2010].



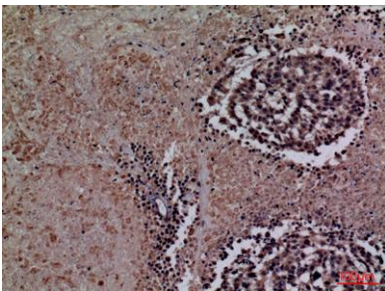
Western blot analysis of BXPC-3, mouse eye, mouse lung cells using TF Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



**Immunohistochemical analysis of paraffin-embedded human-prostate-cancer, antibody was diluted at 1:100**



**Immunohistochemical analysis of paraffin-embedded human-prostate-cancer, antibody was diluted at 1:100**



**Immunohistochemical analysis of paraffin-embedded human-lung-cancer, antibody was diluted at 1:100**