

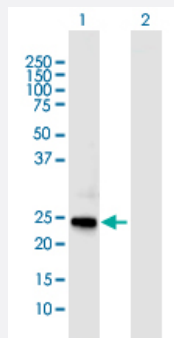
MaxPab®

F8 MaxPab mouse polyclonal antibody (B01)

Catalog # H00002157-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of F8 expression in transfected 293T cell line ([H00002157-T01](#)) by F8 MaxPab polyclonal antibody.

Lane 1: F8 transfected lysate (23.76 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human F8 protein.
Immunogen	F8 (NP_063916.1, 1 a.a. ~ 216 a.a) full-length human protein.
Sequence	MRIQDPGKVFFGNVDSSGIKHNIENPPIIARYIRLHPHTHYSIRSTLRMELMGCDLNSCSMPLGMESKA ISDAQITASSYFTNMFATWSPSKARLHLQGRSNAWRPQVNNPKEWLQVDFQKTMKVTGVTTQGV KSLTSMYVKEFLISSQDGHQWTLFFQNGKVVFQGNQDSFTPVVNSLDPPLLTRYLRHPQSW VHQIALRMEVLGCEAQDLY
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of F8 expression in transfected 293T cell line ([H00002157-T01](#)) by F8 MaxPab polyclonal antibody.

Lane 1: F8 transfected lysate(23.76 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — F8

Entrez GeneID [2157](#)

GeneBank Accession# [NM_019863.2](#)

Protein Accession# [NP_063916.1](#)

Gene Name F8

Gene Alias AHF, DXS1253E, F8B, F8C, FVIII, HEMA

Gene Description coagulation factor VIII, procoagulant component

Omim ID [306700](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes coagulation factor VIII, which participates in the intrinsic pathway of blood coagulation; factor VIII is a cofactor for factor IXa which, in the presence of Ca²⁺ and phospholipids, converts factor X to the activated form Xa. This gene produces two alternatively spliced transcripts. Transcript variant 1 encodes a large glycoprotein, isoform a, which circulates in plasma and associates with von Willebrand factor in a noncovalent complex. This protein undergoes multiple cleavage events. Transcript variant 2 encodes a putative small protein, isoform b, which consists primarily of the phospholipid binding domain of factor VIIIc. This binding domain is essential for coagulant activity. Defects in this gene results in hemophilia A, a common recessive X-linked coagulation disorder. [provided by RefSeq]

Other Designations OTTHUMP00000061446|OTTHUMP00000196174|coagulation factor VIII|coagulation factor VIIIc|factor VIII F8B|procoagulant component

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Abortion](#)
- [Activated Protein C Resistance](#)
- [Anemia](#)
- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Autoimmune Diseases](#)
- [Cardiovascular Diseases](#)
- [Cerebral Hemorrhage](#)
- [Cerebrovascular Disorders](#)
- [Chromosome Inversion](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Fetal Growth Retardation](#)
- [Genetic Predisposition to Disease](#)
- [Hemophilia A](#)
- [Hyperlipidemias](#)
- [Hypertension](#)
- [Inversion](#)
- [Ischemic Attack](#)
- [Migraine Disorders](#)
- [Myocardial Infarction](#)
- [Recurrence](#)
- [Retinal Artery Occlusion](#)

- [Retinal Vein Occlusion](#)
- [Stroke](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Venous Thrombosis](#)