

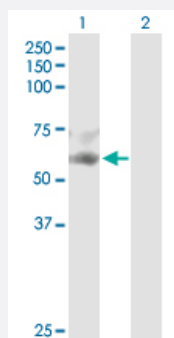
MaxPab®

SERPINF2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00005345-D01P

Size 100 ug

Applications

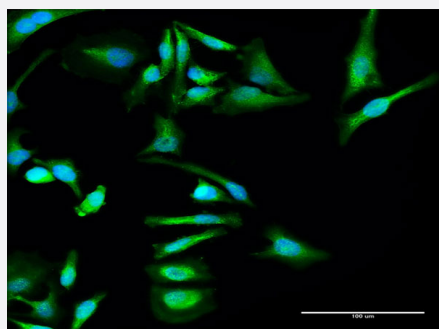


Western Blot (Transfected lysate)

Western Blot analysis of SERPINF2 expression in transfected 293T cell line ([H00005345-T01](#)) by SERPINF2 MaxPab polyclonal antibody.

Lane 1: SERPINF2 transfected lysate(54.60 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to SERPINF2 on HeLa cell. [antibody concentration 30 ug/ml]

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human SERPINF2 protein.

Immunogen

SERPINF2 (AAH31592.1, 1 a.a. ~ 491 a.a) full-length human protein.

Sequence

MVLLWGLLVLSWSC LQGPCSVFSPVSAMEPLGRQLTSGPNQEQVSPLTLLKLG NQEPGGQTAL
KSPPGVC SRDPTPEQTHRLARAMMAFTADL FSLVAQTSTCPNLILSPLSVALALSHLALGAQNHT
LQRLQQVLHAGSGPCLPHLLSRLCQDLGPGAFRLAARMYLQKGFP IKEDFLEQSEQLFGAKPVS
LTGKQEDDLANINQWVKEATEGKIQEFLSGLPEDTVLLLLN AIHFQGFWRNKFDPSLTQRDSFHLD
EQFTVPVEMMQARTYPLRWFLLEQPEIQVAHFPFKNNMSFVVLVPTHFEWNVSVQLANLSWDTL
HPPLVWERPTKVRLPKLYLKHQMDLVATLSQLGLQELFQAPDLRGISEQSLVSGVQHQSTLELS
EVGVEAAAATSIAMSRMSLSSFSVNRPF LFFIFEDTTGLPLFVGSVRNP NPSAPRELKEQQDSPG
NKDFLQSLKGFPRGDKLFGPDLKLVPPMEEDYPQFGSPK

Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (74); Rat (73)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunofluorescence

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Gene Info — SERPINF2

Entrez GeneID	5345
GeneBank Accession#	BC031592.1
Protein Accession#	AAH31592.1
Gene Name	SERPINF2
Gene Alias	A2AP, AAP, ALPHA-2-PI, API, PLI
Gene Description	serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2
Omim ID	262850
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a member of the serpin family of serine protease inhibitors. The protein is a major inhibitor of plasmin, which degrades fibrin and various other proteins. Consequently, the proper function of this gene has a major role in regulating the blood clotting pathway. Mutations in this gene result in alpha-2-plasmin inhibitor deficiency, which is characterized by severe hemorrhagic diathesis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

alpha-2-antiplasmin|alpha-2-plasmin inhibitor|serine (or cysteine) proteinase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2

Publication Reference

- [Differential gene expression of serine protease inhibitors in bovine ovarian follicle: possible involvement in follicular growth and atresia.](#)

Hayashi KG, Ushizawa K, Hosoe M, Takahashi T.

Reproductive Biology and Endocrinology 2011 May; 9:72.

Application: IHC-P, Human, Human follicles

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)