SERPINF1/SERPINF2 monoclonal antibody, clone B3022M

Catalog # MAB4118 Size 1 mg

Specification

Product Description	Mouse monoclonal antibody raised against SERPINF1/SERPINF2.
Immunogen	Human SERPINF1/SERPINF2.
Host	Mouse
Reactivity	Human
Specificity	human Alpha 2 Antiplasmin.
Form	Liquid
Isotype	IgG1
Recommend Usage	Western Blot (reduced and non-reduced) (1-5 ug/mL) ELISA (1:50000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM sodium phosphate buffer, 100 mM NaCl, 1 mM EDTA, pH 6.6
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Enzyme Immunoassay
- Western Blot

Gene Info — SERPINF1

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Entrez GeneID	5176
Gene Name	SERPINF1
Gene Alias	EPC-1, PEDF, PIG35
Gene Description	serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1
Omim ID	172860
Gene Ontology	Hyperlink
Gene Summary	The PEDF gene is a member of the serpin gene family. Serpins are a group of serine protease inhibitors, some of which have also been reported to exhibit neurotrophic activity.[supplied by OMIM
Other Designations	pigment epithelium-derived factor|proliferation-inducing protein 35|serine (or cysteine) proteinase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 1

Gene Info — SERPINF2

Entrez GeneID	5345
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

Pathway

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- Complement and coagulation cascades

Disease

- Alzheimer disease
- Cardiovascular Diseases
- Cardiovascular Diseases
- Choroid Diseases
- Choroidal Neovascularization
- Colorectal Neoplasms
- Diabetes Mellitus
- Diabetes Mellitus
- Diabetic Angiopathies
- Diabetic Retinopathy
- Edema
- Edema
- Genetic Predisposition to Disease
- Genetic Predisposition to Disease
- Kidney Failure
- Macular Degeneration
- Retinopathy of Prematurity

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