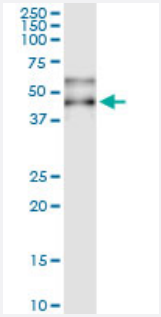
MaxPab®

SERPINA3 MaxPab rabbit polyclonal antibody (D01)

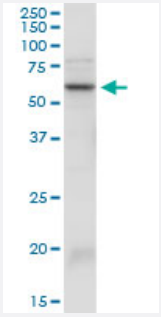
Catalog # H00000012-D01 Size 100 uL

Applications



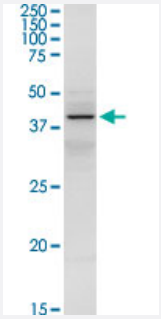
Immunoprecipitation

Immunoprecipitation of SERPINA3 transfected lysate using anti-SERPINA3 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with SERPINA3 purified MaxPab mouse polyclonal antibody (B01P) (H00000012-B01P).



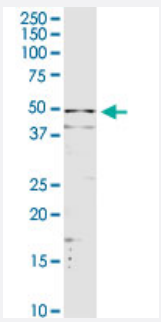
Western Blot (Tissue lysate)

SERPINA3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SERPINA3 expression in mouse brain.



Western Blot (Tissue lysate)

SERPINA3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SERPINA3 expression in mouse testis.



Western Blot (Cell lysate)

SERPINA3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SERPINA3 expression in HepG2.

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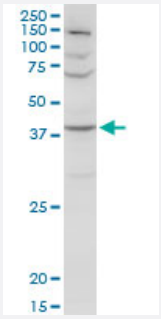
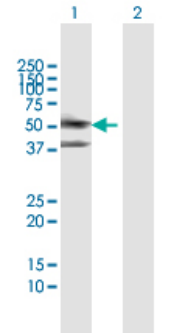


Western Blot (Cell lysate)

SERPINA3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SERPINA3 expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of SERPINA3 expression in transfected 293T cell line (H00000012-T01) by SERPINA3 MaxPab polyclonal antibody.

Lane 1: SERPINA3 transfected lysate(47.7 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SERPINA3 protein.
Immunogen	SERPINA3 (NP_001076.2, 1 a.a. ~ 423 a.a) full-length human protein.
Sequence	MERMLPLLALGLLAAGFCPAVLCHPNSPLDEENLTQENQDRGTHVDLGLASANVDFAFSLYKQL VLKAPDKNVIFSPLSISTALAFLSLGAHNTTLTEILKGLKFNLTETSEAEIHQSFQHLLRTLNQSSDEL QLSMGNAMFVKEQLSLLDRFTEDAKRLYGSEAFATDFQDSAAAKKLINDYVKNGTRGKITDLIKDL DSQTMMVLVNYIFFKAKWEMPFDPQDTHQSRFYLSKKKWVMVPMMSLHHLTIPYFRDEELSCTV VELKYTGNASALFILPDQDKMEEVEAMLLPETLKRWRDSLEFREIGELYLPKFSISRDYNLNDILLQ LGIEEAFTSKADLSGITGARNLAVSQVVHKAVLDVFEEGTEASAATAVKITLLSALVETRTIVRFNRP FLMIIVPTDTQNIFFMSKVTNPKQA
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (58); Rat (61)
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.

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Applications

- Immunoprecipitation

  Immunoprecipitation of SERPINA3 transfected lysate using anti-SERPINA3 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with SERPINA3 purified MaxPab mouse polyclonal antibody (B01P) (H00000012-B01P).

  Protocol Download

- Western Blot (Tissue lysate)

  SERPINA3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SERPINA3 expression in mouse brain.

  Protocol Download

- Western Blot (Tissue lysate)

  SERPINA3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SERPINA3 expression in mouse testis.

  Protocol Download

- Western Blot (Cell lysate)

  SERPINA3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SERPINA3 expression in HepG2.

  Protocol Download

- Western Blot (Cell lysate)

  SERPINA3 MaxPab rabbit polyclonal antibody. Western Blot analysis of SERPINA3 expression in HeLa.

  Protocol Download

- Western Blot (Transfected lysate)

  Western Blot analysis of SERPINA3 expression in transfected 293T cell line (H00000012-T01) by SERPINA3 MaxPab polyclonal antibody.

  Lane 1: SERPINA3 transfected lysate(47.7 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — SERPINA3

Entrez GeneID	12
GeneBank Accession#	NM_001085.4
Protein Accession#	NP_001076.2

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Gene Name	SERPINA3
Gene Alias	AACT, ACT, GIG24, GIG25, MGC88254
Gene Description	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3
Omim ID	107280
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a plasma protease inhibitor and member of the serine protea se inhibitor class. Polymorphisms in this protein appear to be tissue specific and influence protea se targeting. Variations in this protein's sequence have been implicated in Alzheimer's disease, a nd deficiency of this protein has been associated with liver disease. Mutations have been identifie d in patients with Parkinson disease and chronic obstructive pulmonary disease. [provided by Ref Seq
Other Designations	alpha-1-antichymotrypsin|antichymotrypsin|growth-inhibiting protein 24|growth-inhibiting protein 25 |serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3|s erine (or cysteine) proteinase inhibitor, clade A, memb

Publication Reference

- Identification of potential serum biomarkers to predict feed efficiency in young pigs.

  Grubbs JK, Dekkers JCM, Huff-Lonergan E, Tuggle CK, Lonergan SM.

  Journal of Animal Science 2016 Apr; 94(4):1482.

  Application: WB, Pig, Serum

Disease

- Acute Disease
- alpha 1-Antitrypsin Deficiency
- Alpha-1-antitrypsin deficiency
- Alzheimer disease
- Aneurysm
- Asthma
- Brain Ischemia
- Bronchial Hyperreactivity

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- Cardiovascular Diseases
- Cerebral Amyloid Angiopathy
- Cerebral Hemorrhage
- Cerebrovascular Accident
- Chronic Disease
- Cognition
- Cognition Disorders
- Cystic fibrosis
- Dementia
- Diabetes Complications
- Diabetes Mellitus
- Disease Progression
- Edema
- Encephalitis
- Genetic Predisposition to Disease
- Hemorrhage
- Hypercholesterolemia
- Hypersensitivity
- Hypertension
- Inflammation
- Intracranial Aneurysm
- Kidney Failure
- Lung Neoplasms
- Macular Degeneration
- Mental Status Schedule
- Metabolic Syndrome X

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- Multiple System Atrophy
- Myocardial Infarction
- Myocardial Ischemia
- Myositis
- Neoplasms
- Neuropsychological Tests
- Osteoarthritis
- Osteoporosis
- Pancreatitis
- Parkinson disease
- Prostate cancer
- Prostatic Hyperplasia
- Prostatic Neoplasms
- Pulmonary Disease
- Pulmonary Emphysema
- Stroke
- Subarachnoid Hemorrhage
- Vasculitis
- Wegener Granulomatosis

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