

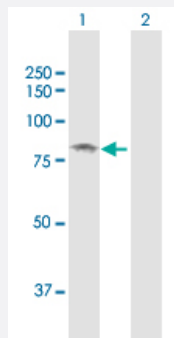
MaxPab®

SMPD3 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00055512-D01

Size 100 uL

Applications

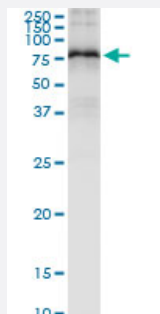


Western Blot (Transfected lysate)

Western Blot analysis of SMPD3 expression in transfected 293T cell line ([H00055512-T02](#)) by SMPD3 MaxPab polyclonal antibody.

Lane 1: SMPD3 transfected lysate(71.10 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of SMPD3 transfected lysate using anti-SMPD3 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with SMPD3 purified MaxPab mouse polyclonal antibody (B01P) ([H00055512-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human SMPD3 protein.

Immunogen

SMPD3 (NP_061137.1, 1 a.a. ~ 655 a.a) full-length human protein.

Sequence

MVLYTTPFPNSCLSLHCVSWALIFPCYWLVDRLAASFIPPTYEKRQRADDPCCCLQLLCTALFTPIY
LALLVASLPFAFLGFLFWSPLQSARRPYYSRLEDKGLAGGAALLSEWKGTPGPKSFCFATANVC
LLPDSLARVNNLFNTQARAKEIGQRIRNGAARPQIKYDSPTNTSISAASFSSLVSPQGGDGVARAV
PGSIKRTASVEYKGDGGRHPGDEAANGPASGDPVDSSSPEDACIVRIGGEEGGRPEADDPVP
GGQARNAGAGGPRGQTPNHNQQDGDGSLGSPSASRESLVKGRAGPDTASGEPGANSKLLY
KASVVKKAAARRRRHPDEAFDHEVSAFFPANLDFLCLQEVFDKRAATKLKEQLHGYFEYILYDVG
VYGCQGCCSFKCLNSGLLFASRYPIMDVAYHCYPNKCND DALASKGALFLKVQVGSTPQDQRI
GYACTHLHAPQEDSAIRCGQLDLLQDWLADFRKSTSSSSAANPEELVAFDVVCGDFNFDNCSS
DDKLEQQHSLFTHYRDPCLRGPGEEKPWAIGTLLDTNGLYDEDVCTPDNLQKVLSEEGRREYL
AFPTSKSSGQKGRKELLKGNRRIDYMLHAEELCPDWKAEVEEFSFITQLSGLTDHLPVAMRL
MVSSGEEEA

Host

Rabbit

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.

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — SMPD3

Entrez GeneID

[55512](#)

GeneBank Accession#

[NM_018667.2](#)

Protein Accession#

[NP_061137.1](#)

Gene Name	SMPD3
Gene Alias	FLJ22593, MGC138443, NSMASE2
Gene Description	sphingomyelin phosphodiesterase 3, neutral membrane (neutral sphingomyelinase II)
Omim ID	605777
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	sphingomyelin phosphodiesterase 3, neutral membrane

Publication Reference

- [TSAP6 is a novel candidate marker of poor survival in metastatic high-grade serous carcinoma.](#)

Broner EC, Tropé CG, Reich R, Davidson B.

Human Pathology 2017 Feb; 60:180.

Application: WB, Human, Exosome from patients with effusions, ovarian tumor and solid metastases

- [Dysregulated sphingolipid metabolism in endometriosis.](#)

Hou Lee Y, Wen Tan C, Venkatratnam A, Seng Tan C, Cui L, Feei Loh S, Griffith L, Tannenbaum SR, Kok Yen Chan J.

The Journal of Clinical Endocrinology and Metabolism 2014 Oct; 99(10):E1913.

Application: IHC, Human, Endometrium

Pathway

- [Metabolic pathways](#)
- [Sphingolipid metabolism](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)