

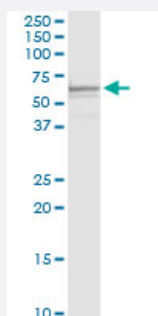
MaxPab®

SLC40A1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00030061-D01P

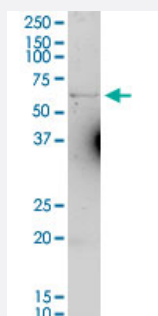
Size 100 ug

Applications



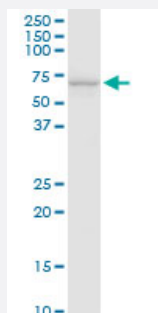
Western Blot (Tissue lysate)

SLC40A1 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC40A1 expression in human liver.



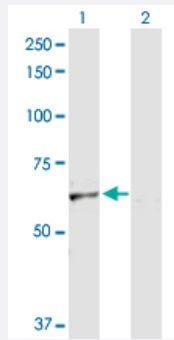
Western Blot (Cell lysate)

SLC40A1 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC40A1 expression in IMR-32.



Western Blot (Cell lysate)

SLC40A1 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC40A1 expression in A-431.



Western Blot (Transfected lysate)

Western Blot analysis of SLC40A1 expression in transfected 293T cell line ([H00030061-T02](#)) by SLC40A1 MaxPab polyclonal antibody.

Lane 1: SLC40A1 transfected lysate(62.50 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SLC40A1 protein.
Immunogen	SLC40A1 (NP_055400.1, 1 a.a. ~ 571 a.a) full-length human protein.
Sequence	MTRAGDHNQRGCGSLADYLTSAKFLLYLGHSLSTWGD RMWHFAVSVFLVELYGNLLLLTAVY GLVVAGSVLVLGAIGDWVDKNARLKVAQTSLVVQNVSVILCGIIMMVFLHKHELLTMYHGWVLT CYLIITIANIANLASTATAITQRDWVIVAGEDRSKLANMNATIRRIDQLTNILAPMAVGQIMTFGSPVI GCGFISGWNLVSMCVEYVLLWKVYQKTPALAVKAGLKEEETELKQLNLHKDTEPKPLEGTHLMG VKDSNIHELEHEQEPTCASQMAEPFRTRFDGWVSYNQPVFLAGMGLAFLYMTVLGFDCITTGYA YTQGLSGSILSMGASAITGIMGTVAFTWLRRKCGLVRTGLISGLAQLSCLILCVISVFMPGSPDLDS VSPFEDIRSRFIQGESITPTKIPEITTEIYMSNGSNSANVPETSPESVPIISVSLLFAGVIAARIGLWSF DLTVTQLLQENVIESERGIINGVQNSMNYLLDLLHFIMVILAPNPEAFGLLVLSVSFVAMGHIMYFRF AQNTLGNKLFACGPDAKEVRKENQANTSVV
Host	Rabbit
Reactivity	Human
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.

Applications

- Western Blot (Tissue lysate)

SLC40A1 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC40A1 expression in human liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

SLC40A1 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC40A1 expression in IMR-32.

[Protocol Download](#)

- Western Blot (Cell lysate)

SLC40A1 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC40A1 expression in A-431.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SLC40A1 expression in transfected 293T cell line ([H00030061-T02](#)) by SLC40A1 MaxPab polyclonal antibody.

Lane 1: SLC40A1 transfected lysate(62.50 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — SLC40A1

Entrez GeneID [30061](#)

GeneBank Accession# [NM_014585.3](#)

Protein Accession# [NP_055400.1](#)

Gene Name SLC40A1

Gene Alias FPN1, HFE4, IREG1, MST079, MSTP079, MTP1, SLC11A3

Gene Description solute carrier family 40 (iron-regulated transporter), member 1

Omim ID [604653](#) [606069](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a cell membrane protein that may be involved in iron export from duodenal epithelial cells. Defects in this gene are a cause of hemochromatosis type 4 (HFE4) . [provided by RefSeq]

Other Designations ferroportin 1|iron regulated gene 1|putative ferroportin 1 variant IIIb|solute carrier family 11 (proton-coupled divalent metal ion transporters), member 3

Publication Reference

- [The modulation of iron metabolism affects the Rhabdomyosarcoma tumor growth in vitro and in vivo.](#)

Michela Asperti, Luca Cantamessa, Magdalena Gryzik, Mattia Bugatti, Silvia Codenotti, Andrea Denardo, William Vermi, Alessandro Fanzani, Maura Poli.

Clinical and Experimental Medicine 2023 Feb; [Epub].

Application: WB, Human, RD, RH4, RH18, RH36, SJCRH30, SMSs

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