

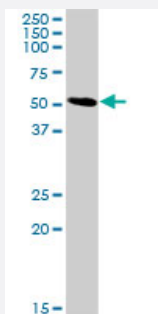
MaxPab®

SLC3A2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00006520-D01P

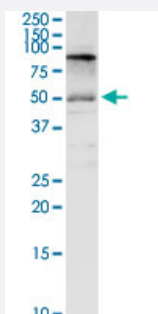
Size 100 ug

Applications



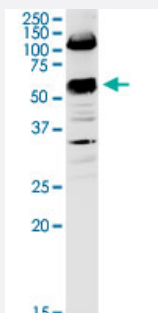
Western Blot (Tissue lysate)

SLC3A2 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC3A2 expression in mouse kidney.



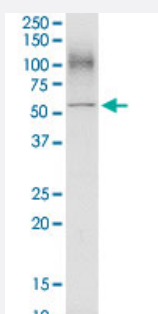
Western Blot (Tissue lysate)

SLC3A2 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC3A2 expression in mouse brain.



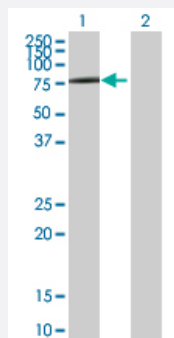
Western Blot (Tissue lysate)

SLC3A2 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC3A2 expression in rat brain.



Western Blot (Cell lysate)

SLC3A2 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC3A2 expression in A-431.



Western Blot (Transfected lysate)

Western Blot analysis of SLC3A2 expression in transfected 293T cell line ([H00006520-T01](#)) by SLC3A2 MaxPab polyclonal antibody.

Lane 1: SLC3A2 transfected lysate (57.90 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SLC3A2 protein.
Immunogen	SLC3A2 (NP_001013269.1, 1 a.a. ~ 529 a.a) full-length human protein.
Sequence	MSQDTEVDMKEVELNELEPEKQPMNAASGAAMSLAGAEKNGLVKIKVAEDEAEAAAAAKFTGL SKEELLKVAGSPGWVTRWALLLLFWLGWLGMLAGAVVIVRAPRCRELPAQKWWHTGALYRIG DLQAFQGHGAGNLAGLKGRDYLSSLKVKGLVLGPIHKNQKDDVAQTDLLQIDPNFGSKEDFDSL LQSAKKKSIRVILDLTPNYRGENSEWFSSTQVDTVATKVKDALEFWLQAGVDGFGVQVRDIENLKDASS FLAEWQNITKGFSEDRLLIAGTNSSDLQQLSLLESNKDLLLTSSYLSDSGSTGEHTKSLVTQYLNA TGNRWCSWSLSQARLLTSFLPAQLRLYLQMLFTLPGTPVFSYGDEIGLDAAALPGQPMEAPVML WDESSFPDIPGAVSANMTVKGQSEDPGSLLSLFRRLSDQRSKERSLLHGDFHAFSAGPGLFSYI RHWDQNERFLVVLNFGDVLGSLAGLQASDLPASASLPKADLLLSTQPGREEGSPLELERLKLEP HEGLLLRFPYAA
Host	Rabbit
Reactivity	Human, Mouse, Rat
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)

SLC3A2 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC3A2 expression in mouse kidney.

[Protocol Download](#)

- Western Blot (Tissue lysate)

SLC3A2 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC3A2 expression in mouse brain.

[Protocol Download](#)

- Western Blot (Tissue lysate)

SLC3A2 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC3A2 expression in rat brain.

[Protocol Download](#)

- Western Blot (Cell lysate)

SLC3A2 MaxPab rabbit polyclonal antibody. Western Blot analysis of SLC3A2 expression in A-431.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SLC3A2 expression in transfected 293T cell line ([H00006520-T01](#)) by SLC3A2 MaxPab polyclonal antibody.

Lane 1: SLC3A2 transfected lysate(57.90 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — SLC3A2

Entrez GeneID [6520](#)

GeneBank Accession# [NM_001013251.1](#)

Protein Accession# [NP_001013269.1](#)

Gene Name SLC3A2

Gene Alias 4F2, 4F2HC, 4T2HC, CD98, CD98HC, MDU1, NACAE

Gene Description solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2

Omim ID [158070](#)

Gene Ontology [Hyperlink](#)

Gene Summary

This gene is a member of the solute carrier family and encodes a cell surface, transmembrane protein with an alpha amylase domain. The protein exists as the heavy chain of a heterodimer, covalently bound through di-sulfide bonds to one of several possible light chains. It associates with integrins and mediates integrin-dependent signaling related to normal cell growth and tumorigenesis. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]

Other Designations

4F2 cell-surface antigen heavy chain|4F2 heavy chain|CD98 heavy chain|antigen defined by monoclonal antibody 4F2, heavy chain|antigen identified by monoclonal antibodies 4F2, TRA1.10, TROP4, and T43|heavy chain|lymphocyte activation antigen 4F2 large subu

Publication Reference

- [Primary human leukocyte subsets differentially express vaccinia virus receptors enriched in lipid rafts.](#)

Byrd D, Amet T, Hu N, Lan J, Hu S, Yu Q.

Journal of Virology 2013 Aug; 87(16):9301.

Application: Flow Cyt, WB-Tr, Human, HeLa, activated T cells

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Lymphoma](#)
- [Multiple Myeloma](#)