

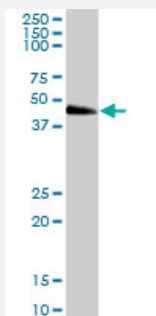
MaxPab®

SLC9A3R1 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009368-B01P

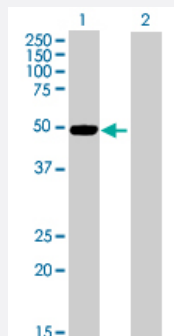
Size 50 ug

Applications



Western Blot (Tissue lysate)

SLC9A3R1 MaxPab polyclonal antibody. Western Blot analysis of SLC9A3R1 expression in human placenta.



Western Blot (Transfected lysate)

Western Blot analysis of SLC9A3R1 expression in transfected 293T cell line ([H00009368-T01](#)) by SLC9A3R1 MaxPab polyclonal antibody.

Lane 1: SLC9A3R1 transfected lysate(39.38 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human SLC9A3R1 protein.

Immunogen

SLC9A3R1 (NP_004243, 1 a.a. ~ 358 a.a) full-length human protein.

Sequence

MSADAAAGAPLPRLCCLEKGPNGYGFHLHGEKGKLGQYIRLVEPGSPAEEKAGLLAGDRLVEVNG
ENVEKETHQQVVSRIAAALNAVRLLVDPETDEQLQKLGVQVREELLRAQEAPGQAEPAAAAEV
QGAGNENEPREADKSHPEQRELRPRLCTMKGKPSGYGFNLHSDKSKPGQFIRSVDPDSPAEAS
GLRAQDRMEVNGVCMEGKQHGDVVSARAGGDETKLLVVDRETDEFFKKCRVIPSQEHLNGPL
PVPFTNGEIQKENSREALAAEALESPPALVRSASSDTSEELNSQDSPPKQDSTAPSSTSSSDPI
LDFNISLAMAKERAHQKRSSKRAPQMDWSKKNELFSNL

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (87)
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)

SLC9A3R1 MaxPab polyclonal antibody. Western Blot analysis of SLC9A3R1 expression in human placenta.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of SLC9A3R1 expression in transfected 293T cell line ([H00009368-T01](#)) by SLC9A3R1 MaxPab polyclonal antibody.

Lane 1: SLC9A3R1 transfected lysate(39.38 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — SLC9A3R1

Entrez GeneID	9368
GeneBank Accession#	NM_004252
Protein Accession#	NP_004243
Gene Name	SLC9A3R1
Gene Alias	EBP50, NHERF, NHERF1, NPHLOP2
Gene Description	solute carrier family 9 (sodium/hydrogen exchanger), member 3 regulator 1
Omim ID	604990
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a sodium/hydrogen exchanger regulatory cofactor. The protein interacts with and regulates various proteins including the cystic fibrosis transmembrane conductance regulator and G-protein coupled receptors such as the beta2-adrenergic receptor and the parathyroid hormone 1 receptor. The protein also interacts with proteins that function as linkers between integral membrane and cytoskeletal proteins. The protein localizes to actin-rich structures including membrane ruffles, microvilli, and filopodia. Mutations in this gene result in hypophosphatemic nephrolithiasis/osteoporosis type 2, and loss of heterozygosity of this gene is implicated in breast cancer

Other Designations

sodium/hydrogen exchanger regulatory factor 1|solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulatory factor 1

Disease

- [Asthma](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Immune System Diseases](#)
- [Inflammation](#)
- [Psoriasis](#)