

DNAxPAb

Hard-to-Find
Antibody

SLC9A3R1 DNAxPab

Catalog # H00009368-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human SLC9A3R1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MSADAAAGAPLPRLCCLEKGPNGYGFHLHGEKGKLGQYIRLVEPGSPA EKAGLLAGDRLVEVNG ENVEKETHQQVVSRI RAALNAVRLLVDPETDEQLQKLG VQVREELLRAQEAPGQAEPAAAAEV QGAGNENEPREADKSHPEQRELRPRLCTMKKGPSGYGFNLHSDKSKPGQFIRSVDPDSPA EAS GLRAQDRIVEVNGVCM EGKQHGDVVS AIRAGGDET KLLVVDRETDEFFKKCRVIP SQEHLNGPL PVPFTNGEIQKENSREALAEAALESPRPALVRSASSDTSEELNSQDSPPKQDSTAPSSTSSSDPI LDFNISLAMAKERAHQKRSSKRAPQMDWSKKNELFSNL
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — SLC9A3R1

Entrez GeneID	9368
GeneBank Accession#	NM_004252.1
Protein Accession#	NP_004243.1
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 a nd regulates various proteins including the cystic fibrosis transmembrane conductance regulator a nd G-protein coupled receptors such as the beta2-adrenergic receptor and the parathyroid hormo ne 1 receptor. The protein also interacts with proteins that function as linkers between integral me mbrane and cytoskeletal proteins. The protein localizes to actin-rich structures including membran e ruffles, microvilli, and filopodia. Mutations in this gene result in hypophosphatemic nephrolithiasi s/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 exchang er), isoform 3 regulatory factor 1

Disease

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- [Immune System Diseases](#)
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