SLC39A3 Conjugated Antibody

Catalog No: #C37941

Package Size: #C37941-AF350 100ul #C37941-AF405 100ul #C37941-AF488 100ul #C37941-AF555 100ul #C37941-AF594 100ul #C37941-AF647 100ul #C37941-AF680 100ul #C37941-AF750 100ul #C37941-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	SLC39A3 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SLC39A3 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human solute carrier family 39 (zinc transporter), member 3
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ZIP3; ZIP-3
Accession No.	Swiss-Prot#:Q9BRY0NCBI Gene ID:29985NCBI Protein#:NP_001170787/Q8N130
Uniprot	Q9BRY0
GeneID	29985;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

SLC39A3 (solute carrier family 39, member 2), is a 314 amino acid acid multi-pass membrane protein that localizes to the cell membrane and belongs to the ZIP family of zinc transporters. Two isoforMouse of ZIP3 exist as a result of alternative splicing events. ZIP3 is involved in translocation of extracellular zinc into a variety of cell types. Tumorigenic prostate epithelial cells contain less intracellular zinc than non-tumorigenic prostate epithelial cells. Loss of the ability to maintain zinc accumulation may be caused by the decrease in the ZIP1 protein expression and the intracellular redistribution of ZIP3.

Note: This product is for in vitro research use only