

Product Datasheet

NRAMP1/SLC11A1 Antibody (2G2) - Azide and BSA Free H00006556-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00006556-M01

NRAMP1/SLC11A1 Antibody (2G2) - Azide and BSA Free

Product Information

Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2G2
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description

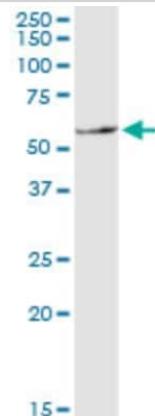
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	6556
Gene Symbol	SLC11A1
Species	Human, Mouse, Bovine
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 23191958).
Specificity/Sensitivity	SLC11A1 - solute carrier family 11 (proton-coupled divalent metal ion transporters), member 1
Immunogen	SLC11A1 (NP_000569.2, 308 a.a. ~ 350 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. QAFYQKTNQAAFNICANSSLHDYAKIFPMNNATVAVDIYQGGV
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details

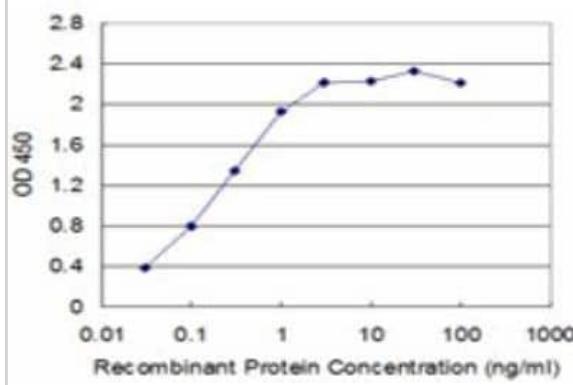
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot, ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

Images

Western Blot: NRAMP1/SLC11A1 Antibody (2G2) [H00006556-M01] - SLC11A1 monoclonal antibody (M01), clone 2G2. Analysis of SLC11A1 expression in human liver.



ELISA: NRAMP1/SLC11A1 Antibody (2G2) [H00006556-M01] - Detection limit for recombinant GST tagged SLC11A1 is approximately 0.03ng/ml as a capture antibody.



Publications

Hedges JF, Kimmel E, Snyder DT et al. Solute Carrier 11A1 Is Expressed by Innate Lymphocytes and Augments Their Activation. *J Immunol.* 2013-03-18 [PMID: 23509347]

Guo TZ, Wei T, Shi X et al. Neuropeptide deficient mice have attenuated nociceptive, vascular, and inflammatory changes in a tibia fracture model of complex regional pain syndrome *Mol Pain* 2012 Nov 28 [PMID: 23191958] (WB, Mouse)



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Products Related to H00006556-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00006556-Q01-10ug	Recombinant Human NRAMP1/SLC11A1 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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