

Product Datasheet

TRPM7 [p Ser1569] Antibody

NBP3-23192

Unit Size: 0.1 ml

Store at -20C.

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NBP3-23192**TRPM7 [p Ser1569] Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1 mg/ml BSA and 50% glycerol
Product Description	
Description	Stable for at least 1 year at -20°C.
Host	Rabbit
Gene ID	54822
Gene Symbol	TRPM7
Species	Human, Mouse, Rat
Specificity/Sensitivity	The antibody was cross-adsorbed to unphosphorylated TRPM7 (Ser-1569) then affinity purified using phospho-TRPM7 (Ser-1569) peptide. This antibody detects a 220 kDa protein on SDS-PAGE immunoblots of human MDA-MB-231 stimulated with calyculin A and rat PC12 cells, as well as detects a 70 kDa autophosphorylated recombinant kinase domain of human TRPM7. These reactivities are not observed after lambda phosphatase treatment to dephosphorylate TRPM7.
Immunogen	Phospho-TRPM7 (Ser-1569) synthetic peptide (coupled to carrier) corresponding to amino acids surrounding Ser-1569 in human TRPM7. This site is well conserved in rat and mouse TRPM7, and is conserved in TRPM6 (Thr-1724) however the site is threonine instead of serine. This site has no homology to other TRPM family members. [UniProt# Q96QT4]
Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:1000



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Products Related to NBP3-23192

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7156	Goat anti-Rabbit IgG (H+L) Secondary Antibody
NBP2-24891	Rabbit IgG Isotype Control
NB500-243PEP	TRPM7 Antibody Blocking Peptide

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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