

# Product Datasheet

## TRPM7 [p Ser1493] Antibody

### NBP3-23179

Unit Size: 0.1 ml

Store at -20C.

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**NBP3-23179**

TRPM7 [p Ser1493] Antibody

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS, 1 mg/ml BSA and 50% glycerol

**Product Description**

<b>Description</b>	Stable for at least 1 year at -20°C.
<b>Host</b>	Rabbit
<b>Gene ID</b>	54822
<b>Gene Symbol</b>	TRPM7
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	The antibody was cross-adsorbed to unphosphorylated TRPM7 (Ser-1493) then affinity purified using phospho-TRPM7 (Ser-1493) peptide. This antibody detects a 220 kDa protein on SDS-PAGE immunoblots of human MDA-MB-231 cells stimulated with calyculin A, and detects a 70 kDa autophosphorylated recombinant kinase domain of human TRPM7. These reactivities are not observed after lambda phosphatase treatment to dephosphorylate TRPM7.
<b>Immunogen</b>	Phospho-TRPM7 (Ser-1493) synthetic peptide (coupled to carrier) corresponding to amino acids surrounding Ser-1493 in human TRPM7. This site is conserved in rat and mouse TRPM7, but the homology surrounding the site is low. This site has no homology to other TRPM family members. [UniProt# Q96QT4]

**Product Application Details**

<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot 1:500



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**Products Related to NBP3-23179**

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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

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**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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