

## Anti-Phospho-TRPM7-Ser-1513 antibody (STJA0005620)

STJA0005620

### GENERAL INFORMATION

<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Phospho-TRPM7-Ser-1513 is suitable for use in Western Blot research applications.
<b>Applications</b>	WB
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Antigen Affinity Purified
<b>Dilution Range</b>	WB 1:500
<b>Formulation</b>	PBS + 1 mg/ml BSA, 0.05% NaN <sub>3</sub> and 50% glycerol
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	<a href="#">54822</a>
<b>Gene Symbol</b>	<a href="#">TRPM7</a>
<b>Uniprot ID</b>	<a href="#">TRPM7_HUMAN</a>
<b>Immunogen</b>	Phospho-TRPM7 (Ser-1513) synthetic peptide (coupled to carrier) corresponding to amino acids surrounding Ser-1513 in human TRPM7. This site is well conserved in rat and mouse TRPM7, but has low homology to other TRPM family members.
<b>Immunogen Region</b>	
<b>Specificity</b>	The antibody was cross-adsorbed to unphosphorylated TRPM7 (Ser-1513) peptide then affinity purified using phospho-TRPM7 (Ser-1513) peptide. This antibody detects a 220 kDa* protein on SDS-PAGE immunoblots of human MDA-MB-231 and rat PC12 cells
<b>Immunogen Sequence</b>	stimul