

Product datasheet for **TA382868S**

TRP 7 (TRPC7) Rabbit Polyclonal Antibody

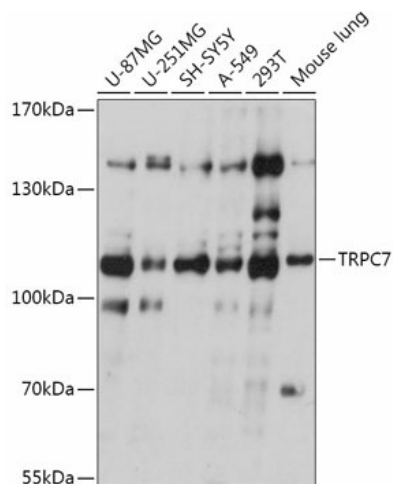
Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	WB, 1:500 - 1:2000 ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Reactivity:	Human, Mouse
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Formulation:	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	100kDa
Gene Name:	transient receptor potential cation channel subfamily C member 7
Database Link:	Entrez Gene 57113 Human Q9HCX4
Background:	Predicted to enable inositol 1,4,5 trisphosphate binding activity and store-operated calcium channel activity. Predicted to be involved in metal ion transport; regulation of cytosolic calcium ion concentration; and single fertilization. Predicted to act upstream of or within calcium ion transport. Predicted to be located in plasma membrane. Predicted to be part of cation channel complex. Predicted to be integral component of plasma membrane.
Synonyms:	KNP3; TRP7; TRPM2



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Product images:



Western blot analysis of various lysates using TRPC7 Rabbit pAb (TA382868S) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.