

Anti-SLC25A4 antibody (40-298) (STJ117221)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

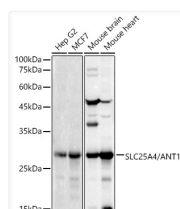
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 33kDa Observed Mw: 33kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

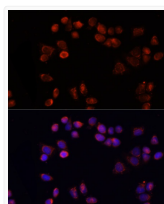
Gene ID	291
Gene Symbol	SLC25A4
UniProt ID	ADT1_HUMAN
Immunogen Region	40-298
Immunogen Sequence	HASKQISAEKQYKGIIDCVV RIPKEQGFLSFWRGNLANVI RYFPTQALNFAFKDKYKQLF LGGVDRHKQFWRYFAGNLA GGAAGATSLCFVYPLDFART RLAADVKGKGAQREFHGLGD CIKIFKSDGLRGLYQGFNV SVQGIIRAA YFGVYDTAK GMLPDPKNVHIFVSWMIAQS VTAVAGLVSYFPDTRRRMM MQSGRKGADIMYTGTVDCWR KIAKDEGAKAFFKGAWSNV
Specificity	A synthetic peptide corresponding to a sequence within amino acids 40-298 of human SLC25A4/ANT1 (NP_001142.2).

ADDITIONAL INFORMATION

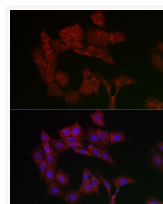
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of various lysates, using SLC25A4/ANT1 rabbit polyclonal antibody (STJ117221) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Immunofluorescence analysis of HeLa cells using SLC25A4/ANT1 antibody (STJ117221) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using SLC25A4/ANT1 rabbit polyclonal antibody (STJ117221) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.