

Anti-SLC39A4 antibody (23-327) (STJ25583)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

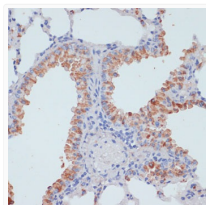
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IHC-P:1:50-1:100 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 68kDa Observed Mw: 68kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

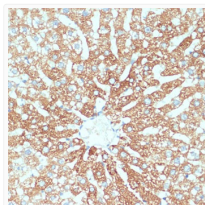
Gene ID	55630
Gene Symbol	SLC39A4
UniProt ID	S39A4_HUMAN
Immunogen Region	23-327
Immunogen Sequence	SPPAGLLSLLTSGQGALDQE ALGGLLNTLADRVHCANGPC GKCLSVEDALGLGEPEGSGL PPGPVLEARYVARLSAAAVL YLSNPEGTCDARAGLWASH ADHLLALLES PKALTPGLSW LLQRMQARAAGQTPKTACVD IPQLLEEAVGAGAPGSAGGV LAALLDHVRS GSCFHALPSP QYFVDFVFQQHSSEVPMTLA ELSALMQRLGVGREAHSDHS HRHRGASSRDPVPLISSN
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 23-327 of human SLC39A4 (NP_570901.2).

ADDITIONAL INFORMATION

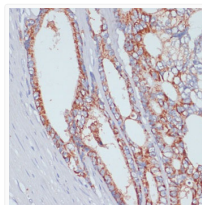
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



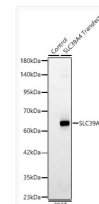
Immunohistochemistry analysis of SLC39A4 in paraffin-embedded mouse lung using SLC39A4 Rabbit polyclonal antibody (STJ25583) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of SLC39A4 in paraffin-embedded rat liver using SLC39A4 Rabbit polyclonal antibody (STJ25583) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of SLC39A4 in paraffin-embedded human colon carcinoma using SLC39A4 Rabbit polyclonal antibody (STJ25583) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with SLC39A4 using SLC39A4 Rabbit polyclonal antibody (STJ25583) at 1:2000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.