

Anti-GGT1 antibody (370-569) (STJ23780)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

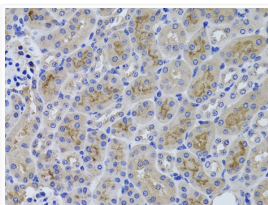
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 61KDa/39KDa/24KDa Observed Mw: 25KDa/75KDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

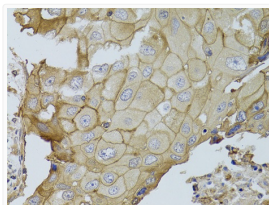
Gene ID	2678
Gene Symbol	GGT1
UniProt ID	GGT1_HUMAN
Immunogen Region	370-569
Immunogen Sequence	KPEFYTPDDGGTAHLSVVAE DGSAVSATSTINLYFGSKVR SPVSGILFNNEMDDFSSPSI TNEFGVPPSPANFIQPGKQP LSSMCPTIMVGQDGGQVRMVV GAAGGTQITTATALAIYNL WFGYDVKRAVEEPRLHNQLL PNVTTVERNIDQAVTAALET RHHHTQIASTFIADVQAIWR TAGGWAAASDSRKGGEPAGY
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 370-569 of human GGT1 (NP_038265.2?).

ADDITIONAL INFORMATION

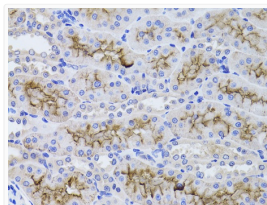
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



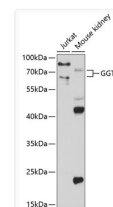
Immunohistochemistry analysis of paraffin-embedded mouse kidney using GGT1 antibody (STJ23780) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human breast cancer using GGT1 antibody (STJ23780) 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 paraffin-embedded rat kidney using GGT1 antibody (STJ23780) 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 extracts of various cell lines, using GGT1 antibody (STJ23780) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.