

Anti-GPC3 antibody (537-554) (STJ26187)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

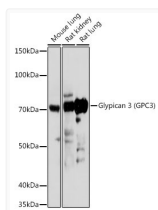
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 FC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 66kDa Observed Mw: 66kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

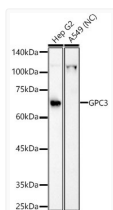
Gene ID	2719
Gene Symbol	GPC3
UniProt ID	GPC3_HUMAN
Immunogen Region	537-554
Immunogen Sequence	GRVLDKNLDEEGFESGDCGD DEDECIGGSGDGMKVKQL RFLAELAYDLDDVDDAPGNSQ QATPKDNEISTFHNLGNVHS PLKLLTSMASVVCFFFLVH
Specificity	A synthetic peptide corresponding to a sequence within amino acids 481-580 of human Glypican 3 (GPC3) (NP_004475.1).

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 extracts of various cell lines, using Glypican 3 (GPC3) (GPC3) antibody (STJ26187) 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% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Western blot analysis of various lysates, using GPC3 antibody (STJ26187) at 1:800 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Negative control (NC) : A549. Exposure time: 90s.