

Anti-FGD1 antibody (700-800) (STJ118802)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

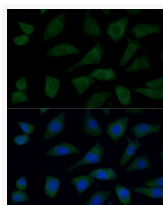
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:100 IF/ICC:1:50-1:100 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 107kDa Observed Mw: 110kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

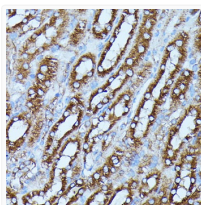
Gene ID	2245
Gene Symbol	FGD1
UniProt ID	FGD1_HUMAN
Immunogen Region	700-800
Immunogen Sequence	LLNSTNREDEDTPNSPNVD LGKRAPTPIREKEVTMCMRC QEPFNSITKRRHHCKACGHV VCGKCESEFRARLYVDNNRSN RVCTDCYVALHGVPGSSPAC S
Specificity	A synthetic peptide corresponding to a sequence within amino acids 700-800 of human FGD1 (NP_004454.2).

ADDITIONAL INFORMATION

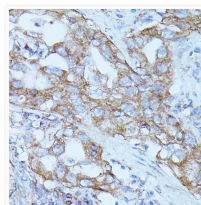
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



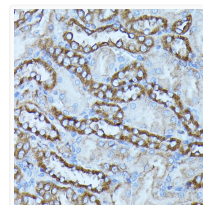
Immunofluorescence analysis of L929 cells using FGD1 Rabbit polyclonal antibody (STJ118802) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



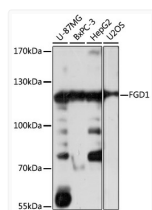
Immunohistochemistry analysis of FGD1 in paraffin-embedded mouse kidney using FGD1 Rabbit polyclonal antibody (STJ118802) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of FGD1 in paraffin-embedded human lung cancer using FGD1 Rabbit polyclonal antibody (STJ118802) 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 FGD1 in paraffin-embedded rat kidney using FGD1 Rabbit polyclonal antibody (STJ118802) 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 various lysates using FGD1 Rabbit polyclonal antibody (STJ118802) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.