Anti-GAL3ST4 antibody (137-486) (STJ11103584)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

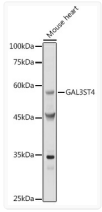
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 54kDa Observed Mw: 54kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

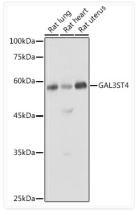
Gene ID	79690
Gene Symbol	GAL3ST4
UniProt ID	G3ST4_HUMAN
Immunogen Region	137-486
Immunogen Sequence	MRFNLKEVLQVMPSDSFFFS IVRDPAALARSAFSYYKSTS SAFRKSPSLAAFLANPRGFY RPGARGDHYARNLLWFDFGL PFPPEKRAKRGNIHPPRDPN PPQLQVLPSGAGPRAQTLNP NALIHPVSTVTDHRSQISSP ASFDLGSSSFIQWGLAWLDS VFDLVMVAEYFDESLVLLAD ALCWGLDDVVGFMHNAQAGH KQGLSTVSNSGLTAEDRQLT ARARAWNNLDWALYVHFNR
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 137-486 of human GAL3ST4 (NP_078913.3).

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 Mouse heart, using GAL3ST4 antibody (STJ11103584) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Western blot analysis of extracts of various cell lines, using GAL3ST4 antibody (STJ11103584) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.