Best Tools for immunology Research

ETL Polyclonal Antibody

Catalog No :	YT1642
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IF;ELISA
Target :	ETL
Gene Name :	ELTD1
Protein Name :	EGF latrophilin and seven transmembrane domain-containing protein 1
Human Gene Id :	64123
Human Swiss Prot No :	Q9HBW9
Mouse Swiss Prot No :	Q923X1
Immunogen :	The antiserum was produced against synthesized peptide derived from human ELTD1. AA range:251-300
Specificity :	ETL Polyclonal Antibody detects endogenous levels of ETL protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	77kD

Background : developmental stage:Up-regulated in the adult heart.,domain:The transmembrane domain is not required for cleavage, but it is required for dimer formation.,function:Could be involved in cardiac development.,PTM:Proteolytically cleaved into 2 subunits, an extracellular alpha subunit and a seven-transmembrane subunit.,similarity:Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily.,similarity:Contains 1 GPS domain.,similarity:Contains 2 EGF-like domains.,subunit:Forms a heterodimer, consisting of a large extracellular region (alpha subunit) non-covalently linked to a seven-transmembrane moiety (beta subunit). Forms stable dimer at the cells surface.,tissue specificity:Mainly expressed in smooth muscle.,

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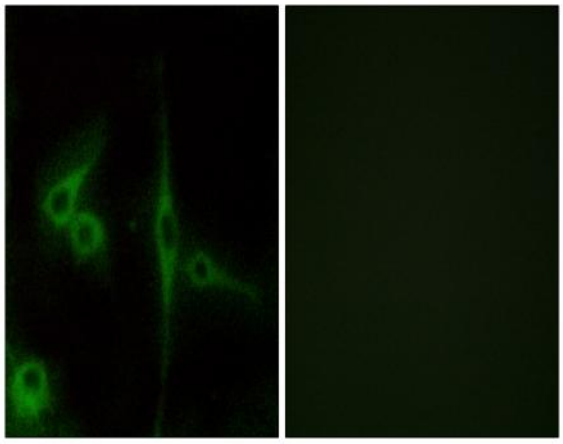
Subcellular Location : Cell membrane ; Multi-pass membrane protein .

Expression : Detected in the majority of epithelial cells in tumor and normal tissues. Expressed also in human umbilical vein endothelial cells.

Products Images



Immunofluorescence analysis of LOVO cells, using ELTD1 Antibody. The picture on the right is blocked with the synthesized peptide.