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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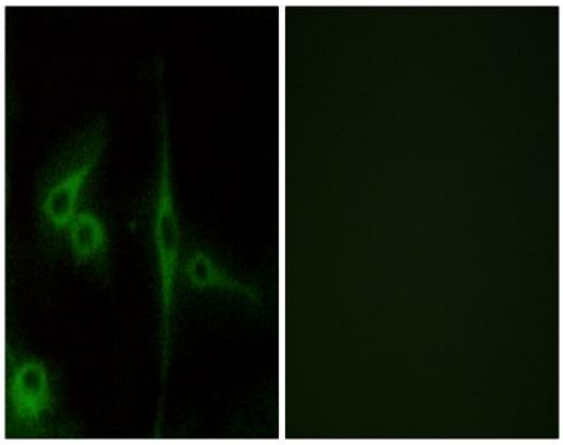
Subcellular Location :	Cell membrane ; Multi-pass membrane protein .
Expression :	Detected in the majority of epithelial cells in tumor and normal tissues. Expressed also in human umbilical vein endothelial cells.
Sort :	5782
No4 :	1
Host :	Rabbit
Modifications :	Unmodified

Products Images



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