



ETL Polyclonal Antibody

Catalog No	YP-Ab-13241
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IF;ELISA
Gene Name	ELTD1
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	ETL;ELTD1;EGF latrophilin and seven transmembrane domain-containing protein 1;EGF;latrophilin and seven transmembrane domain-containing protein 1; EGF-TM7-latrophilin-related protein;ETL protein
Observed Band	77kD
Calculated Molecular Weight	77kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Detected in the majority of epithelial cells in tumor and normal tissues. Expressed also in human umbilical vein endothelial cells.
Function	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.,

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.,

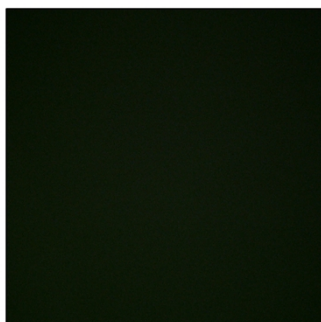
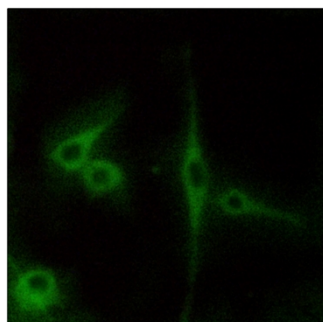
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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