

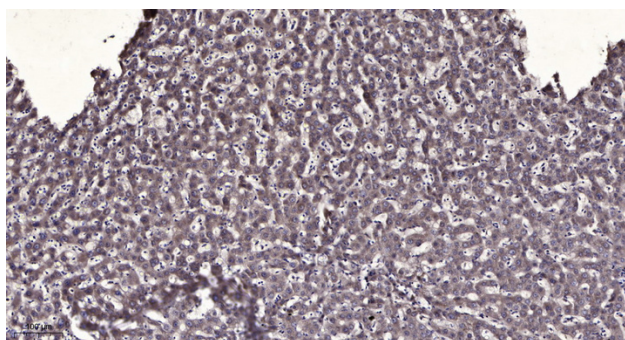


ROMO1 rabbit pAb

Catalog No	YP-Ab-12279
Isotype	IgG
Reactivity	Human; Mouse
Applications	IHC;IF
Gene Name	ROMO1 C20orf52
Protein Name	ROMO1
Immunogen	Synthesized peptide derived from human ROMO1 AA range: 17-67
Specificity	This antibody detects endogenous levels of ROMO1 at Human/Mouse
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 serum by affinity-chromatography using specific immunogen.
Dilution	IHC-p 1: 50-200. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Mitochondrion inner membrane ; Single-pass membrane protein .
Tissue Specificity	Up-regulated in a number of cancer cell lines when compared to a normal lung fibroblast cell line. Highly expressed in brain tumors.
Function	developmental stage:Expression increases in senescent cells.,function:Induces production of reactive oxygen species (ROS) which are necessary for cell proliferation. May play a role in inducing oxidative DNA damage and replicative senescence.,induction:By the anticancer drug fluorouracil (5FU).,miscellaneous:Enforced expression in IMR-90 cells leads to increased levels of ROS and induces premature cell senescence and nuclear DNA damage.,similarity:Belongs to the MGR2 family.,tissue specificity:Up-regulated in a number of cancer cell lines when compared to a normal lung fibroblast cell line.,
Background	The protein encoded by this gene is a mitochondrial membrane protein that is responsible for increasing the level of reactive oxygen species (ROS) in cells. The protein also has antimicrobial activity against a variety of bacteria by inducing bacterial membrane breakage. [provided by RefSeq, Nov 2014],
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

Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).