




Rabbit Anti-MACC1 antibody

SL4293R

Product Name:	MACC1
Chinese Name:	结肠癌转移相关蛋白1抗体
Alias:	7A5; MACC1; MACC-1; MACC1_HUMAN; Metastasis associated in colon cancer 1; Metastasis-associated in colon cancer protein 1; Putative binding protein 7a5; SH3 domain-containing protein 7a5; SH3BP4L.
文献引用 	<p>Specific References(3) SL4293R has been referenced in 3 publications.</p> <p>[IF=1.48]Sun, Longfeng, et al. "Silence of MACC1 expression by RNA interference inhibits proliferation, invasion and metastasis, and promotes apoptosis in U251 human malignant glioma cells." Molecular Medicine Reports.WB;Human. PubMed:26043756</p> <p>[IF=1.48]Li, Hongyu, et al. "Overexpression of MACC1 and the association with hepatocyte growth factor/c-Met in epithelial ovarian cancer." Oncology letters9.5 (2015): 1989-1996.IHC-P;Human. PubMed:26137000</p> <p>[IF=6.36]Montorsi, Lucia, et al. "Loss of zfp36 expression in colorectal cancer correlates to wnt/?-catenin activity and enhances epithelial-to-mesenchymal transition through upregulation of zeb1, sox9 and macc1." Oncotarget (2016).WB;Human. PubMed:27463018</p>
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications.

	optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	94kDa
Cellular localization:	The nucleocytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MACC1:761-852/852
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>MACC1 is a key regulator of the hepatocyte growth factor(HGF; MIM 142409)-HGF receptor (HGFR, or MET; MIM 164860) pathway, which is involved in cellular growth, epithelial-mesenchymal transition, angiogenesis, cell motility, invasiveness, and metastasis. Expression of MACC1 in colon cancer (MIM 114500) specimens is an independent prognostic indicator for metastasis formation and metastasis-free survival (Stein et al., 2009 [PubMed19098908]).[supplied by OMIM].</p> <p>Subunit: Interacts with FASLG.</p> <p>Subcellular Location: Cytoplasm. Nucleus. Note=Mainly found in the cytoplasm in non-metastasizing tumors.</p> <p>Tissue Specificity: Preferentially expressed in metastasizing tumors.</p> <p>Similarity: Contains 1 SH3 domain.</p> <p>SWISS: Q6ZN28</p> <p>Gene ID: 346389</p> <p>Database links:</p> <p>Entrez Gene: 346389Human</p> <p>Entrez Gene: 238455Mouse</p> <p>Entrez Gene: 314539Rat</p>

[Omid: 612646](#)Human

[SwissProt: Q6ZN28](#)Human

[Unigene: 598388](#)Human

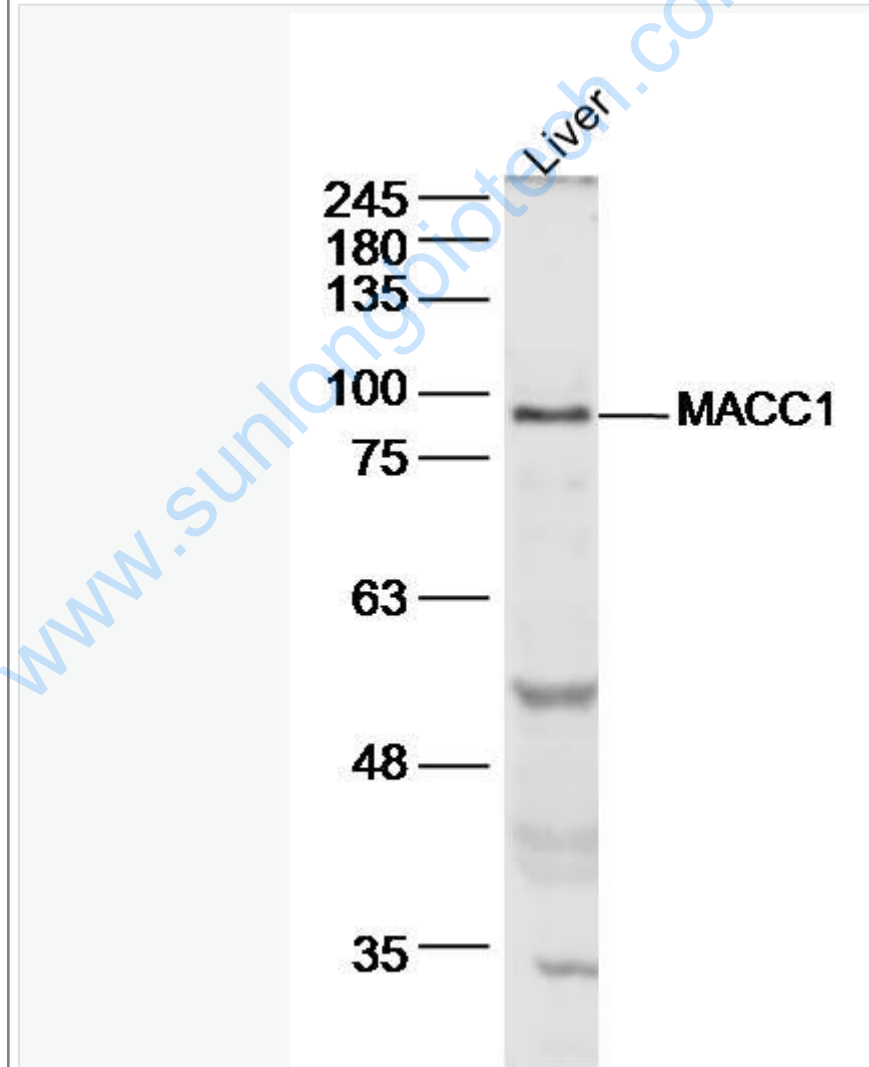
[Unigene: 31376](#)Mouse

[Unigene: 81938](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Sample:

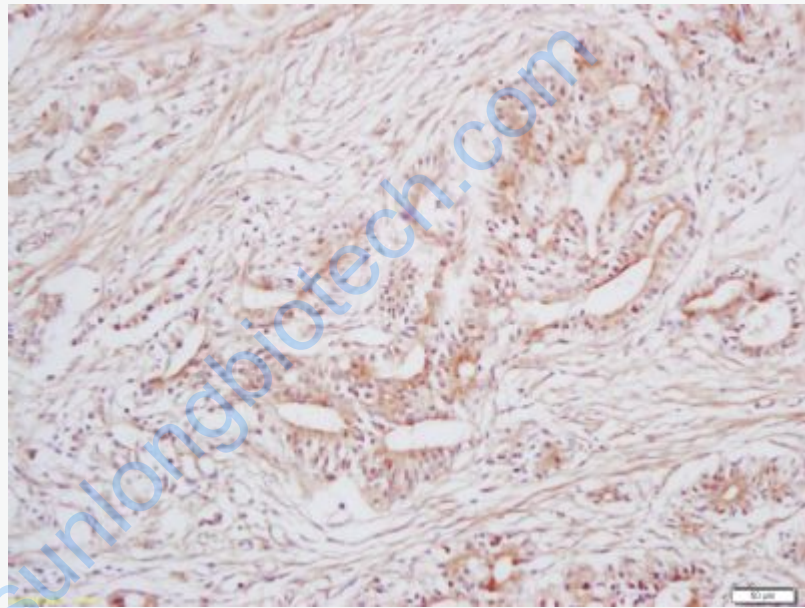
liver(mouse) Lysate at 40 ug

Primary: Anti-MACC1 (SL4293R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 94 kD

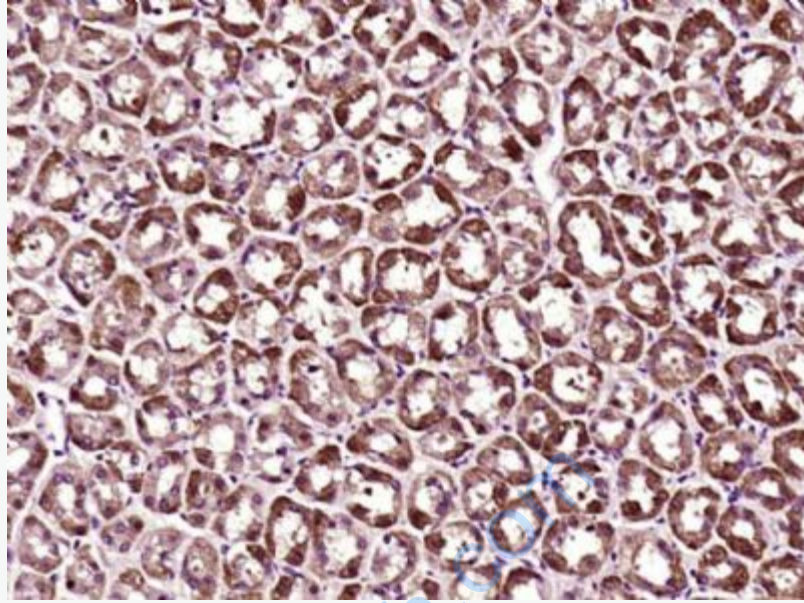
Observed band size: 94 kD



Tissue/cell: human gastric carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-MACC1 Polyclonal Antibody, Unconjugated(SL4293R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (Rat stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MACC1) Polyclonal Antibody, Unconjugated (SL4293R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.