10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MACC1 Rabbit pAb

Catalog # AP98546

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q6ZN28
Other Accession	Q6ZN28
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	96639
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MACC1
Epitope Specificity	761-852/852
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 SH3 domain.
SUBUNIT	Interacts with FASLG.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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].

Additional Information

Gene ID	346389
Other Names	7A5; SH3BP4L; 4732474O15Rik; Gm267; RGD1309838; MACC1_HUMAN; MACC1; SH3 domain-containing protein 7a5; MET transcriptional regulator MACC1; metastasis associated in colon cancer 1
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	MACC1
Function	Acts as a transcription activator for MET and as a key regulator of HGF-MET signaling. Promotes cell motility, proliferation and hepatocyte growth factor (HGF)-dependent scattering in vitro and tumor growth and metastasis in vivo.
Cellular Location	Cytoplasm. Nucleus. Note=Mainly found in the cytoplasm in non-metastasizing tumors
Tissue Location	Preferentially expressed in metastasizing tumors.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.