

OriGene Technologies, Inc.

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Product datasheet for TA347674

MMP2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
lsotype:	lgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-MMP2 Antibody: A synthesized peptide derived from human MMP2
Formulation:	Rabbit lgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20?. Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	74 kDa
Gene Name:	matrix metallopeptidase 2
Database Link:	<u>NP_004521</u> <u>Entrez Gene 17390 MouseEntrez Gene 81686 RatEntrez Gene 4313 Human</u> <u>P08253</u>
Background:	MMP2 Ubiquitinous metalloproteinase that is involved in diverse functions such as remodeling of the vasculature, angiogenesis, tissue repair, tumor invasion, inflammation, and atherosclerotic plaque rupture. As well as degrading extracellular matrix proteins, can also act on several nonmatrix proteins such as big endothelial 1 and beta-type CGRP promoting vasoconstriction. Also cleaves KISS at a Gly- -Leu bond. Appears to have a role in myocardial cell death pathways.
Synonyms:	CLG4; CLG4A; MMP-2; MMP-II; MONA; TBE-1



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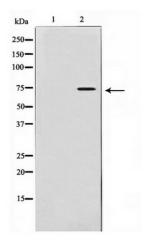
Note:

MMP2 Antibody detects endogenous levels of MMP2

Protein Families: Druggable Genome, Protease

Protein Pathways: Bladder cancer, GnRH signaling pathway, Leukocyte transendothelial migration, Pathways in cancer

Product images:



Western blot analysis on LOVO cell lysate using MMP2 Antibody

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