

Datasheet for ABIN657459
anti-MMP3 antibody (N-Term)

4 Images

1 Publication

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Overview

Quantity:	400 µL
Target:	MMP3
Binding Specificity:	AA 30-59, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MMP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 30-59 AA from the N-terminal region of human MMP3.
Clone:	RB33616
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	MMP3
Alternative Name:	MMP3 (MMP3 Products)
Background:	Synonyms: Stromelysin-1,MMP3,STMY1

Target Details

Molecular Weight:	53977 DA
Gene ID:	4314
NCBI Accession:	NP_002413
UniProt:	P08254

Application Details

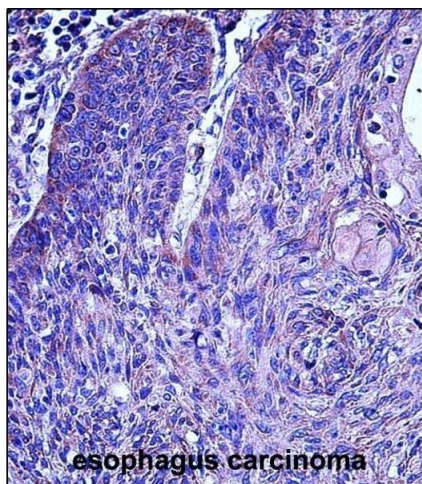
Application Notes:	WB = 1:1000, IHC (p) = 1:10-50, IF = 1:10-50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	MMP3 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months

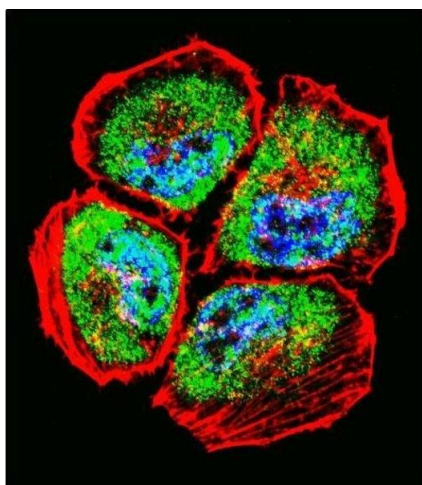
Publications

Product cited in:	Yan, Xu, Zhang, Lu, Luo, Xu: "Aldehyde dehydrogenase 1A1 stabilizes transcription factor Gli2 and enhances the activity of Hedgehog signaling in hepatocellular cancer." in: Biochemical and biophysical research communications , Vol. 471, Issue 4, pp. 466-73, (2016) (PubMed).
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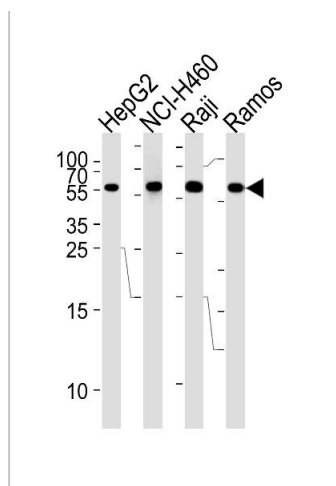
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. P3 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human esophagus carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of P3 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Immunofluorescence

Image 2. Confocal immunofluorescent analysis of P3 Antibody (N-term) with NCI- cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red). DAPI was used to stain the cell nuclei (blue).



Western Blotting

Image 3. Western blot analysis of lysates from HepG2, NCI-, Raji, Ramos cell line (from left to right), using P3 Antibody (N-term). was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN657459.