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Datasheet for ABIN390108

anti-MAGEA4 antibody (N-Term)

3 Images

1 Publication

Overview

Quantity:	400 µL
Target:	MAGEA4
Binding Specificity:	AA 9-38, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MAGEA4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This MAGEA4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 9-38 amino acids from the N-terminal region of human MAGEA4.
Clone:	RB2196
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	MAGEA4
Alternative Name:	MAGEA4 (MAGEA4 Products)

Target Details

Background: MAGEA4 is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80 % sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita.

Gene ID: 4103

NCBI Accession: [NP_001011548](#), [NP_001011549](#), [NP_001011550](#), [NP_002353](#)

UniProt: [P43358](#)

Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100. IHC-P: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in 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.

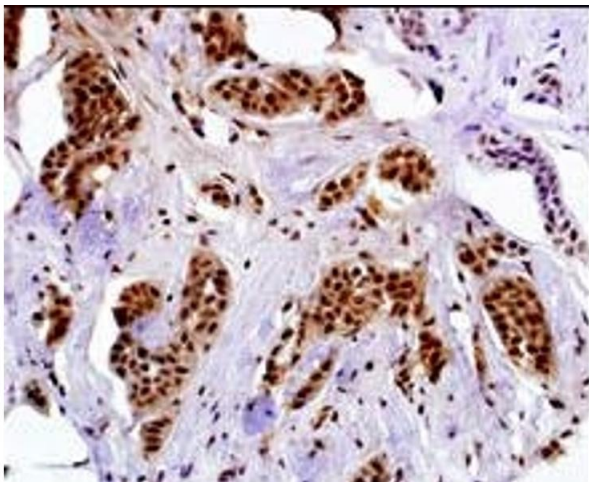
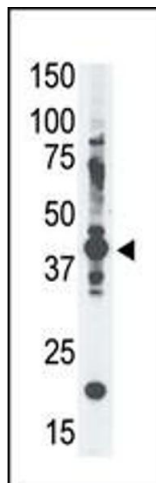
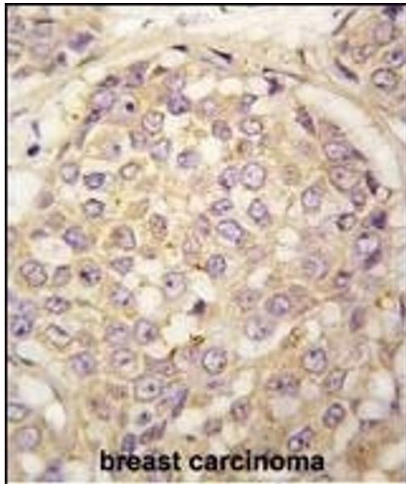
Storage: 4 °C,-20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

Publications

Product cited in: Kevin Li-Chun, Schob, Zeller, Pulli, Ali, Wang, Chiou, Tsang, Lee, Stossel, Chen: "Gelsolin decreases actin toxicity and inflammation in murine multiple sclerosis." in: **Journal of neuroimmunology**, Vol. 287, pp. 36-42, (2015) ([PubMed](#)).



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Forlin-fixed and paraffin-embedded human breast carcinoma tissue reacted with GEA4 antibody (N-term) (ABIN390108 and ABIN2840620), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.

Western Blotting

Image 2. The anti-GE-A4 Pab (ABIN390108 and ABIN2840620) is used in Western blot to detect GE-A4 in cell lysate.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunostaining of paraformaldehyde-fixed and paraffin-embedded human breast carcinoma with GE-A4 antibody Cat (ABIN390108 and ABIN2840620) (1:50 dilution), followed by reacting with biotin-conjugated secondary antibody, ABC solution and developing with DAB. Cancerous cells show nuclear staining of GE-A4. magnification: 40X. Data courtesy of Dr. Mi Hou, Karolinska Institutet and University Hospital, Sweden.