CMAS antibody

Catalog No: #22683

Orders: order@signalwayantibody.com
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Description

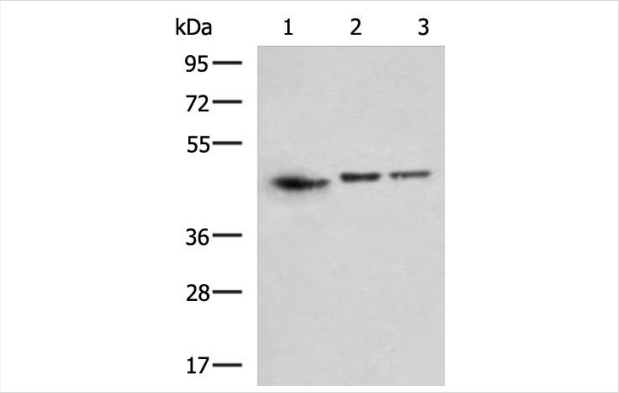
Product Name	CMAS antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB;IHC
Species Reactivity	Human,;Mouse;Rat
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein of human CMAS
Target Name	CMAS
Accession No.	NCBI Gene ID: 55907NCBI mRNA#: NM_018686NCBI Protein#: NP_061156
Uniprot	Q8NFW8
GeneID	55907;
Calculated MW	48 kDa
Concentration	0.6 mg/ml
Formulation	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

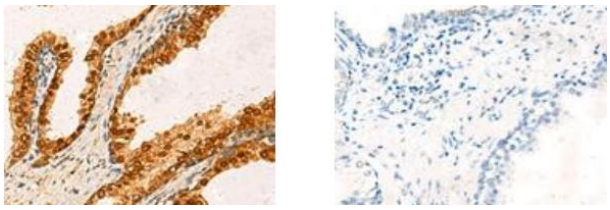
WB 1:500-1:2000;

IHC 1:50-1:100

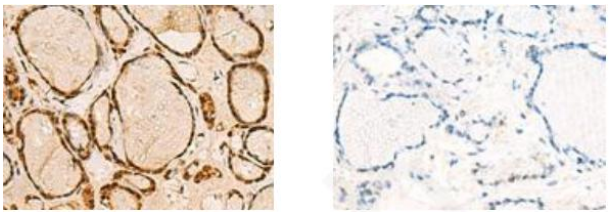
Images



Gel: 8%SDS-PAGE
Lysate: 40 ug
Lane 1-3: A172, 293T and PC-3 cell lysates
Primary antibody: at dilution 1/1000
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using CMAS Antibody at dilution 1/20, on the right is treated with fusion protein. (Original magnification: 200)



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using CMAS Antibody at dilution 1/20, on the right is treated with fusion protein. (Original magnification: 200)

Background

The enzyme encoded by this gene catalyzes the activation of Neu5Ac to Cytidine 5-prime-monophosphate N-acetylneuraminic acid (CMP-Neu5Ac), which provides the substrate required for the addition of sialic acid. Sialic acids of cell surface glycoproteins and glycolipids play a pivotal role in the structure and function of animal tissues. The pattern of cell surface sialylation is highly regulated during embryonic development, and changes with stages of differentiation. Studies of a similar murine protein suggest that this protein localizes to the nucleus. [provided by RefSeq]

Note: This product is for in vitro research use only