

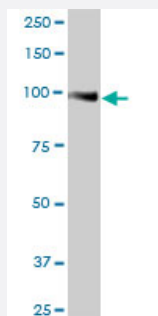
MaxPab®

MME purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004311-D01P

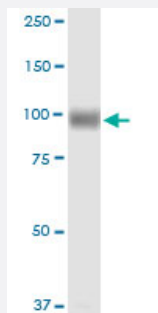
Size 100 ug

Applications



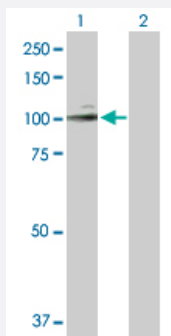
Western Blot (Tissue lysate)

MME MaxPab rabbit polyclonal antibody. Western Blot analysis of MME expression in human kidney.



Western Blot (Cell lysate)

MME MaxPab rabbit polyclonal antibody. Western Blot analysis of MME expression in MCF-7.



Western Blot (Transfected lysate)

Western Blot analysis of MME expression in transfected 293T cell line ([H00004311-T02](#)) by MME MaxPab polyclonal antibody.

Lane 1: MME transfected lysate(85.50 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human MME protein.

Immunogen	MME (AAI01659.1, 1 a.a. ~ 750 a.a) full-length human protein.
Sequence	MGKSESQMDITDINTPKPKKKQRWTPLEISLSVLVLLLTIIVTMIALYATYDDGICKSSDCIKSAARLI QNMDATTEPCTDFFKYACGGWLKRNVIPETSSRYGNFDILRDELEVVLKDVLPQEPKTEDIVAVQK AKALYRSCINESAIDSRGGEPLLKLLPDIYGWPVATENWEQKYGASWTAEKAIQLNSKYGKKVLI NLFVGTDDKNSVNHVIHIDQPRLGLPSRDYECTGMKEACTAYVDFMISVARLIRQEERLPIDENQL ALEMNKVMELEKEIANATAKPEDRNDPMLLYNKMTLAQIQNNFSLEINGKPFWSLNTNEIMSTVNI SITNEEDVVVYAPEYLTCLKPILTKYSARDLQNLMSWRFIMDLVSSLSRTYKESRNAFRKALYGTTS ETATWRRRCANYVNGNMENAVGRLYEAAAFAGESKHVVEDLIAQIREVFIQTLDDL TWMDAETKKR AEEKALAIKERIGYPDDIVSNDNKLNNLEYELNYKEDEYFENIIQNLKFSQSKQLKKLREKVDKDEWI SGAAVVNAFYSSGRNQIVFAGILQPPFFSAQQSNSLNYGGIGMVIGHEITHGFDDNGRNFNKGDD LVDWWTQQSASNFKEQSQCMVYQYGNFSWDLAGGQHLNGINTLGENIADNGGLGQAYRAYQNYI KKNGEEKLLPGLDLNHKQLFFLNFAQVWCCTYRPEYAVNSIKTDVHSPGNFRIIGTLQNSAEFSEA FHC RKNSYMNPEKKCRVW
Host	Rabbit
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

MME MaxPab rabbit polyclonal antibody. Western Blot analysis of MME expression in human kidney.

[Protocol Download](#)

- Western Blot (Cell lysate)

MME MaxPab rabbit polyclonal antibody. Western Blot analysis of MME expression in MCF-7.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of MME expression in transfected 293T cell line ([H00004311-T02](#)) by MME MaxPab polyclonal antibody.

Lane 1: MME transfected lysate(85.50 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — MME

Entrez GeneID [4311](#)

GeneBank Accession# [NM_007287.1](#)

Protein Accession# [AAI01659.1](#)

Gene Name MME

Gene Alias CALLA, CD10, DKFZp686O16152, MGC126681, MGC126707, NEP

Gene Description membrane metallo-endopeptidase

Omim ID [120520](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a common acute lymphocytic leukemia antigen that is an important cell surface marker in the diagnosis of human acute lymphocytic leukemia (ALL). This protein is present on leukemic cells of pre-B phenotype, which represent 85% of cases of ALL. This protein is not restricted to leukemic cells, however, and is found on a variety of normal tissues. It is a glycoprotein that is particularly abundant in kidney, where it is present on the brush border of proximal tubules and on glomerular epithelium. The protein is a neutral endopeptidase that cleaves peptides at the amino side of hydrophobic residues and inactivates several peptide hormones including glucagon, enkephalins, substance P, neurotensin, oxytocin, and bradykinin. This gene, which encodes a 100-kD type II transmembrane glycoprotein, exists in a single copy of greater than 45 kb. The 5' untranslated region of this gene is alternatively spliced, resulting in four separate mRNA transcripts. The coding region is not affected by alternative splicing. [provided by RefSeq]

Other Designations atriopeptidase|common acute lymphocytic leukemia antigen|enkephalinase|membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase)|membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase, CALLA, CD10)|membrane metallo-endopeptidase

Pathway

- [Hematopoietic cell lineage](#)
- [Renin-angiotensin system](#)

Disease

- [Alzheimer disease](#)
- [Anorexia Nervosa](#)

- [Atherosclerosis](#)
- [Brain Injuries](#)
- [Bulimia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
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- [Metabolic Syndrome X](#)
- [Neoplasms](#)
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