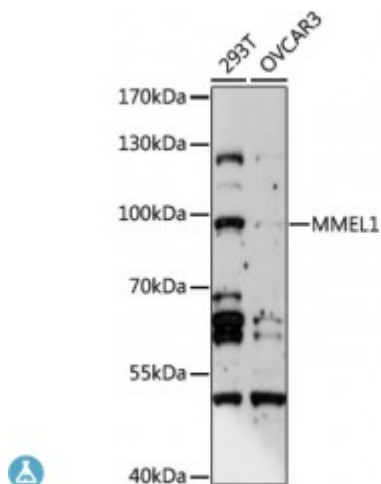


Anti-MMEL1 Antibody



Description

The protein encoded by this gene is a member of the neutral endopeptidase (NEP) or membrane metallo-endopeptidase (MME) family. Family members play important roles in pain perception, arterial pressure regulation, phosphate metabolism and homeostasis. This protein is a type II transmembrane protein and is thought to be expressed as a secreted protein. This gene is expressed mainly in testis with weak expression in the brain, kidney, and heart.

Model	STJ117382
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 350-450 of human MMEL1 (NP_258428.2).
Gene ID	79258
Gene Symbol	MMEL1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Predominantly expressed in testis, Weakly expressed in brain, kidney and heart
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Membrane metallo-endopeptidase-like 1]

Molecular Weight	89.367 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:14668
Alternative Names	Membrane metallo-endopeptidase-like 1]
Function	Metalloprotease involved in sperm function, possibly by modulating the processes of fertilization and early embryonic development, Degrades a broad variety of small peptides with a preference for peptides shorter than 3 kDa containing neutral bulky aliphatic or aromatic amino acid residues, Shares the same substrate specificity with MME and cleaves peptides at the same amide bond ,
Cellular Localization	Membrane
Post-translational Modifications	N-glycosylated,

St John's Laboratory Ltd

F +44 (0)207 681 2580

T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>

E info@stjohnslabs.com