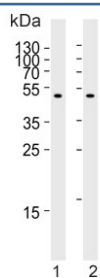


## CPM Antibody / Carboxypeptidase M (F54598)

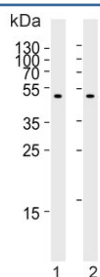
Catalog No.	Formulation	Size
F54598-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54598-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

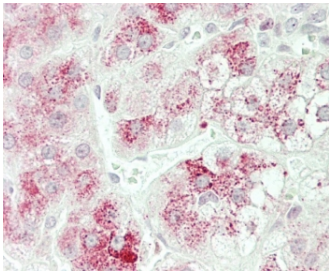
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	P14384
<b>Applications</b>	Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:25
<b>Limitations</b>	This CPM antibody is available for research use only.



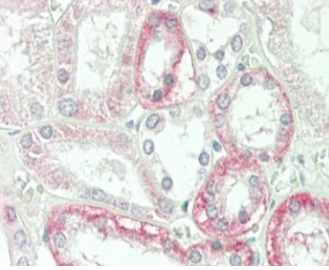
Western blot testing of human kidney tissue lysate with CPM antibody. Expected molecular weight: 51-65 kDa depending on glycosylation level.



Western blot testing of human 1) U-251 MG and 2) HEK293 cell lysate with CPM antibody. Expected molecular weight: 51-65 kDa depending on glycosylation level.



IHC testing of FFPE human adrenal tissue with CPM antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



IHC testing of FFPE human kidney tissue with CPM antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

## Description

The protein encoded by this gene is a membrane-bound arginine/lysine carboxypeptidase. Its expression is associated with monocyte to macrophage differentiation. This encoded protein contains hydrophobic regions at the amino and carboxy termini and has 6 potential asparagine-linked glycosylation sites. The active site residues of carboxypeptidases A and B are conserved in this protein. Three alternatively spliced transcript variants encoding the same protein have been described for this gene. [provided by RefSeq].

## Application Notes

The stated application concentrations are suggested starting points. Titration of the CPM antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 212-241 from the human protein was used as the immunogen for the CPM antibody.

## Storage

Aliquot the CPM antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.