Anti -THEM4 Rabbit pAb

GB111324 100μL -20℃

Product Information

Description	THEM4 rabbit polyclonal antibody
Protein full name	Acyl-coenzyme A thioesterase THEM4
Synonyms	Acyl-CoA thioesterase THEM4, Them4, Ctmp, Carboxyl-terminal modulator protein, Thioesterase superfamily member 4
Immunogen	Recombinant protein corresponding to Mouse THEM4
Isotype	IgG
Purity	Affinity purification
Subcellular location	Cell membrane, Cytoplasm
Uniprot ID	Q3UUI3

Applications

Applications	Species	Dilution	Positive Sample
IHC/IF	Mouse, Rat	1:200-1:400	brain, kidney, testis

Background

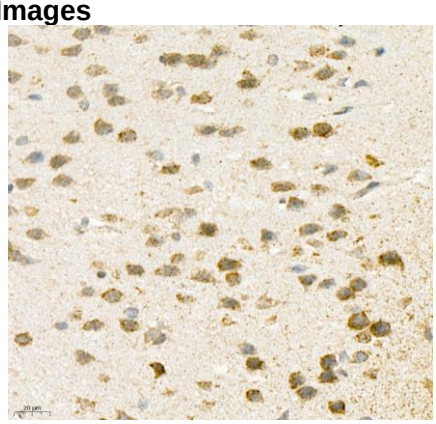
THEM4, also known as CTMP, binds specifically to the carboxy-terminal regulatory domain of PKB/Akt at the plasma membrane and acts as a negative regulator, reversing the phenotype of v-Akt-transformed cells. Hypermethylation of the THEM4 promoter and transcriptional downregulation of the gene has been reported in multiple glioblastomas, suggesting that epigenetic regulation of THEM4 may play a role in the progression of this cancer.

Storage

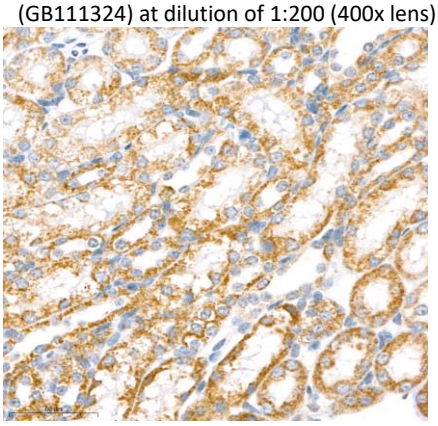
Storage	Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles.
Storage Buffer	PBS with 0.02%sodium azide,100 μg/ml BSA and 50% glycerol.

NOTE:1.This product is intended for research only.
2.This product is recommended to dilute with the Primary Antibody Dilution Buffer.

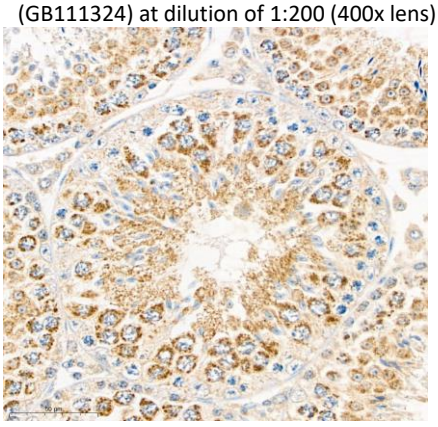
Images



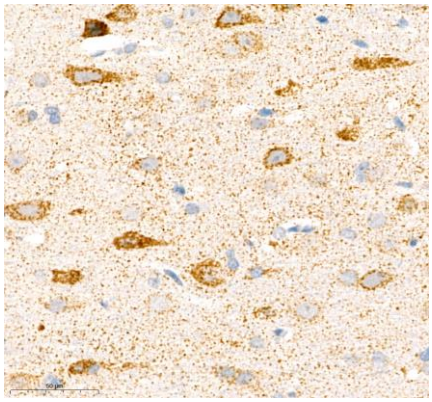
Immunohistochemistry of paraffin embedded mouse brain using ctmp (GB111324) at dilution of 1:200 (400x lens)



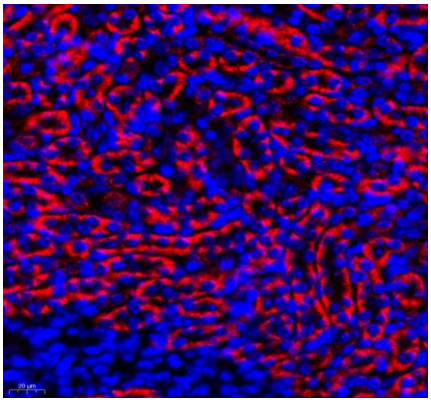
Immunohistochemistry of paraffin embedded mouse kidney using ctmp (GB111324) at dilution of 1:200 (400x lens)



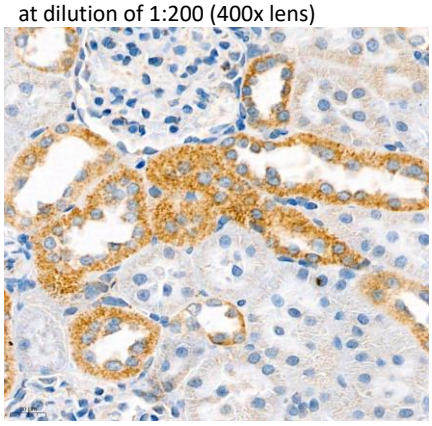
Immunohistochemistry of paraffin embedded mouse testis using ctmp (GB111324) at dilution of 1:200 (400x lens)



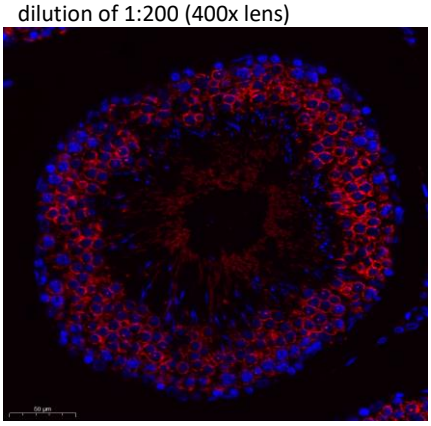
Immunohistochemistry of paraffin embedded rat brain using ctmp (GB111324) at dilution of 1:200 (400x lens)



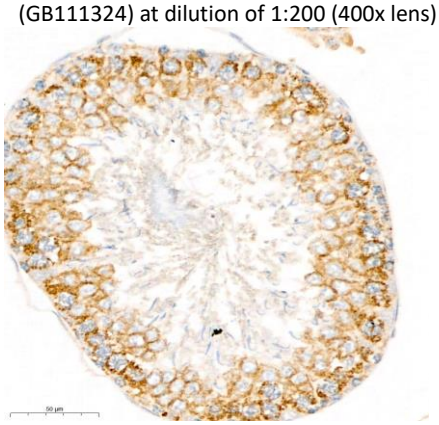
Immunofluorescence of paraffin embedded mouse kidney using ctmp (GB111324) at dilution of 1:200 (400x lens)



Immunohistochemistry of paraffin embedded rat kidney using ctmp (GB111324) at dilution of 1:200 (400x lens)



Immunofluorescence of paraffin embedded rat testis using ctmp (GB111324) at dilution of 1:200 (300x lens)



Immunohistochemistry of paraffin embedded rat testis using ctmp (GB111324) at dilution of 1:200 (400x lens)