

CPA6 Rabbit Polyclonal Antibody



CAB13644

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

51kDa

Calculated MW:

10kDa/37kDa/51kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein Background

The gene encodes a member of the peptidase M14 family of metalloproteases. The encoded preproprotein is proteolytically processed to generate the mature enzyme, which catalyzes the release of large hydrophobic C-terminal amino acids. This enzyme has functions ranging from digestion of food to selective biosynthesis of neuroendocrine peptides. Mutations in this gene may be linked to epilepsy and febrile seizures, and a translocation t(6;8)(q26;q13) involving this gene has been associated with Duane retraction syndrome.

Immunogen information

Gene ID:

57094

Uniprot

Q8N4T0

Synonyms:

CPA6; CPAH; ETL5; FEB11

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

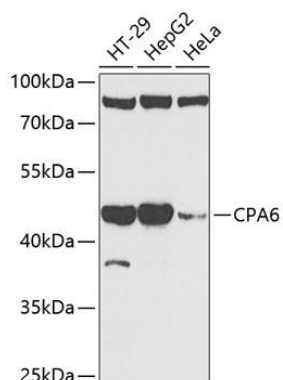
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 130-437 of human CPA6 (NP_065094.3).

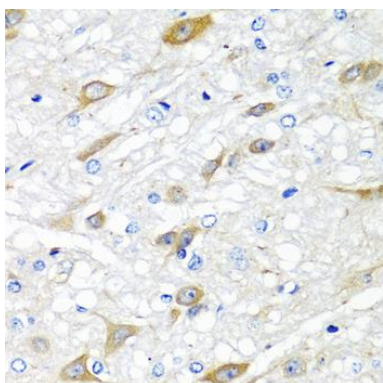
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

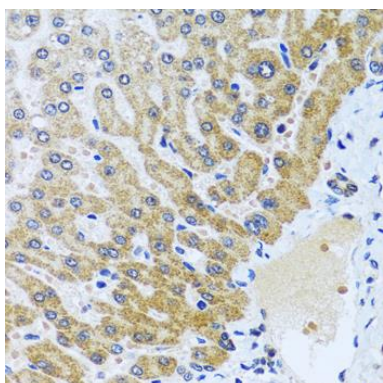
Product Images



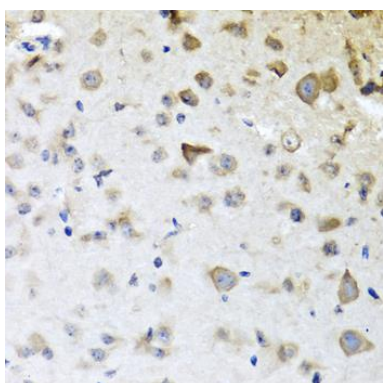
Western blot analysis of extracts of various cell lines, using CPA6 antibody (CAB13644) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded rat brain using CPA6 antibody (CAB13644) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human liver using CPA6 antibody (CAB13644) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using CPA6 antibody (CAB13644) at dilution of 1:100 (40x lens).