

Anti-CPA6 antibody (130-437) (STJ115603)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

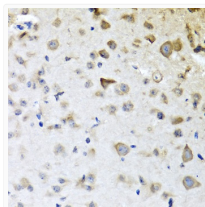
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 51kDa Observed Mw: 51kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

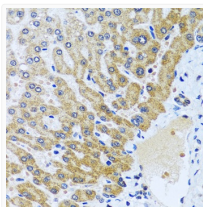
Gene ID	57094
Gene Symbol	CPA6
UniProt ID	CBPA6_HUMAN
Immunogen Region	130-437
Immunogen Sequence	SLSGYNYEVYHSLEEIQNWM HHLNKTHTSLIHMFSIGRSY EGRSLFILKLGRRSRLKRAV WIDCGIHAREWIGPAFCQWF VKEALLTYKSDPAMRKMLNH LYFYIMPVFNVDGYHFSWTN DRFWRKTRSRNSRFRCRGVD ANRNWVKVWCDEGASMHPCD DTYCGFPPESEPEVKAVANF LRKHKHIRAYLSFHAYAQM LLYPYSYKYATIPNFRCVES AAYKAVNALQSVYGVRYRY
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 130-437 of human CPA6 (NP_065094.3).

ADDITIONAL INFORMATION

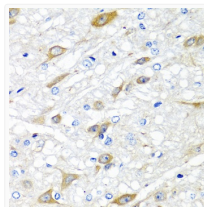
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.
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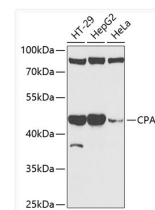
Immunohistochemistry analysis of paraffin-embedded mouse brain using CPA6 antibody (STJ115603) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human liver using CPA6 antibody (STJ115603) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat brain using CPA6 antibody (STJ115603) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts of various cell lines, using CPA6 antibody (STJ115603) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.