

Anti-CPA1 antibody (1-100) (STJ23211)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

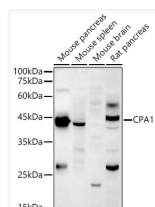
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 47kDa Observed Mw: 45kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

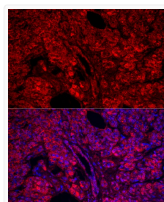
Gene ID	1357
Gene Symbol	CPA1
UniProt ID	CBPA1_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MRGLLVLSVLLGAVFGKEDF VGHQVLRISVADEAQVQKVK ELEDLEHLQLDFWRGPAHPG SPIDVRVPFPSIQAVKIFLE SHGISYETMIEDVQSLLDEE
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CPA1 (NP_001859.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts of various cell lines, using CPA1 antibody (STJ23211) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Immunofluorescence analysis of human pancreas cells using CPA1 rabbit polyclonal antibody (STJ23211) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.