

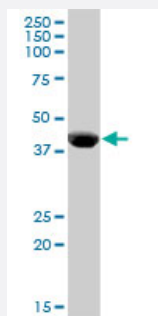
MaxPab®

CPB1 MaxPab mouse polyclonal antibody (B01)

Catalog # H00001360-B01

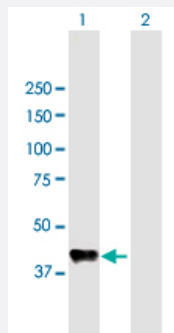
Size 50 uL

Applications



Western Blot (Tissue lysate)

CPB1 MaxPab polyclonal antibody. Western Blot analysis of CPB1 expression in human pancreas.



Western Blot (Transfected lysate)

Western Blot analysis of CPB1 expression in transfected 293T cell line ([H00001360-T01](#)) by CPB1 MaxPab polyclonal antibody.

Lane 1: CPB1 transfected lysate(45.87 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human CPB1 protein.

Immunogen

CPB1 (NP_001862, 1 a.a. ~ 417 a.a) full-length human protein.

Sequence

MLALLVLVTVALASAHHGGEHFEKEKVFVRVNVEDENHINIIRELASTTQIDFWKPDSTQIKPHSTV
DFRVKAEDTVTVENVLKQNELQYKVLISNLRNVVEAQFDSRVRATGHSYKYNKWETIEAWTQQV
ATENPALISRSVIGTTFEGRAMLLKVGKAGQNKPAIFMDCGFHAREWISPAFCQWFVREAVRTYG
REIQVTELLDKLDFYVLPVLNIDGYIYTWTKSRFWRKTRSTHTGSSCIGTDPNRFNDAGWCEIGASR
NPCDETYCGPAAESEKETKALADFIRNKLSSIKAYLTHSYSQMMIYPYSYAYKLGENNAELNALAK
ATVKELASLHGTYTYGPGATTIYPAGGSDDWAYDQGIRYSFTFELRDTGRYGFLLPESQIRATCE
ETFLAIKYVASVYLEHLY

Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

CPB1 MaxPab polyclonal antibody. Western Blot analysis of CPB1 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CPB1 expression in transfected 293T cell line ([H00001360-T01](#)) by CPB1 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — CPB1

Entrez GeneID	1360
GeneBank Accession#	NM_001871
Protein Accession#	NP_001862
Gene Name	CPB1
Gene Alias	DKFZp779K1333, PASP, PCPB
Gene Description	carboxypeptidase B1 (tissue)
Omim ID	114852
Gene Ontology	Hyperlink

Gene Summary

Three different procarboxypeptidases A and two different procarboxypeptidases B have been isolated. The B1 and B2 forms differ from each other mainly in isoelectric point. Carboxypeptidase B1 is a highly tissue-specific protein and is a useful serum marker for acute pancreatitis and dysfunction of pancreatic transplants. It is not elevated in pancreatic carcinoma. [provided by RefSeq]

Other Designations

pancreas-specific protein|pancreatic carboxypeptidase B1

Disease

- [Tobacco Use Disorder](#)