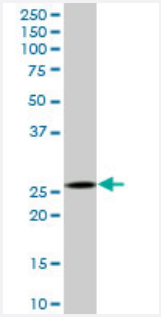
MaxPab®

CAPNS1 purified MaxPab mouse polyclonal antibody (B01P)

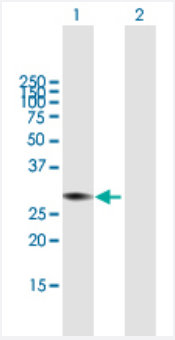
Catalog # H00000826-B01P Size 50 ug

Applications



Western Blot (Tissue lysate)

CAPNS1 MaxPab polyclonal antibody. Western Blot analysis of CAPNS1 expression in human pancreas.



Western Blot (Transfected lysate)

Western Blot analysis of CAPNS1 expression in transfected 293T cell line (H00000826-T01) by CAPNS1 MaxPab polyclonal antibody.

Lane 1: CAPNS1 transfected lysate(29.48 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human CAPNS1 protein.
Immunogen	CAPNS1 (AAH07779.1, 1 a.a. ~ 268 a.a) full-length human protein.
Sequence	MFLVNSFLKGGGGGGGGGGLGGGLGNVLGGLISGAGGGGGGGGGGGGGGGGGGGTAMRIL GGVISAISEAAAQYNPEPPPPRTHYSNIEANESEEVRQFRRLFAQLAGDDMEVSATELMNILNKVV TRHPDLKTDGFGIDTCRSMVAVMDSDTTGKLGFEEFKYLWNNIKRWQAIYKQFDTDRSGTICSSEL PGAFEAAGFHLNEHLYNMIIRRYSDESGNMDFDNFISCLVRLDAMFRAFKSLDKDGTGQIQVNIQE WLQLTMYS
Host	Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (91)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

  CAPNS1 MaxPab polyclonal antibody. Western Blot analysis of CAPNS1 expression in human pancreas.

  Protocol Download

- Western Blot (Transfected lysate)

  Western Blot analysis of CAPNS1 expression in transfected 293T cell line (H00000826-T01) by CAPNS1 MaxPab polyclonal antibody.

  Lane 1: CAPNS1 transfected lysate(29.48 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

Gene Info — CAPNS1

Entrez GeneID	826
GeneBank Accession#	BC007779.1
Protein Accession#	AAH07779.1
Gene Name	CAPNS1
Gene Alias	30K, CALPAIN4, CANP, CANPS, CAPN4, CDPS
Gene Description	calpain, small subunit 1
Omim ID	114170
Gene Ontology	Hyperlink

Gene Summary	Calpains are a ubiquitous, well-conserved family of calcium-dependent, cysteine proteases. Calpain families have been implicated in neurodegenerative processes, as their activation can be triggered by calcium influx and oxidative stress. Calpain I and II are heterodimeric with distinct large subunits associated with common small subunits, all of which are encoded by different genes. This gene encodes a small subunit common to both calpain I and II and is associated with myotonic dystrophy. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq
Other Designations	calcium-activated neutral proteinase|calcium-dependent protease, small subunit|calpain 4, small subunit (30K)|calpain, small polypeptide

Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema