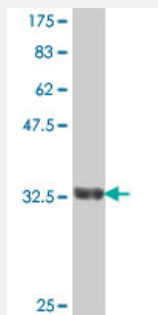


CAPN9 polyclonal antibody (A01)

Catalog # H00010753-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant CAPN9.
Immunogen	CAPN9 (NP_006606, 591 a.a. ~ 690 a.a) partial recombinant protein with GST tag.
Sequence	DKLKQWINLFLRFDADKSGTMSTYELRTALKAAAGFQLSSHLLQLVLRVLADEELQLDFDDFLNCLV RLENASRVFQALSTKNKEFIHLNINEFIHLTMNI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (85); Rat (85)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CAPN9

Entrez GeneID [10753](#)

GeneBank Accession# [NM_006615](#)

Protein Accession# [NP_006606](#)

Gene Name CAPN9

Gene Alias GC36, nCL-4

Gene Description calpain 9

Omim ID [606401](#)

Gene Ontology [Hyperlink](#)

Gene Summary

Calpains are ubiquitous, well-conserved family of calcium-dependent, cysteine proteases. The calpain proteins are heterodimers consisting of an invariant small subunit and variable large subunits. The large subunit possesses a cysteine protease domain, and both subunits possess calcium-binding domains. Calpains have been implicated in neurodegenerative processes, as their activation can be triggered by calcium influx and oxidative stress. The protein encoded by this gene is expressed predominantly in stomach and small intestine and may have specialized functions in the digestive tract. This gene is thought to be associated with gastric cancer. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000035899|OTTHUMP00000035900|novel calpain large subunit-4

Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)