

DNAxPAb

Hard-to-Find
Antibody

CAPN7 DNAxPab

Catalog # H00023473-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CAPN7 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MDATALERDAVQFARLAVQRDHEGRYSEAVFYKAAQALIYAEMAGSSLENIQEKITEYLERVQALHSAVQSKSADPLKSKHQDLERAHFLVTQAFDEDEKENVEDAIELYTEAVDLCLKTSYETADKVLQNKLKQLARQALDRAEALSEPLTKPVGKISSTSVKPKPPVRAHFPLGANPFLEPQSFISQSCDAQQQRYTAEIEVLRTTSKINGIEYVPMNVDLRERFAYPMPCDRWGKLPSPKQKTTFSKWVRPEDLTNNPTMYTVSSFSIKQTVSDCSFVASLAISAAYERRFNKKLITGIYPQNKDGEPEYNPCGKYMVKLHLNGVPRKVIIDDQLPVDHKGELLCSYSNNKSELWVSLIEKAYMKVMGGYDFPGSNSNIDLHALTGWIPERIAMHSDSQTFSKDNSFRMLYQRFHKGDVLITASTGMMTEAEGEKWGLVPTHAYAVLDIREFKGLRFIQLKNPWSHLRWKGRYSENDVKNWTPELQKYNFDPRTAQKIDNGIFWISWDLDCQYDVMYLSWNPGLFKESTCIHSTWDAKQGPVKDAYSLANNPQYKLEVQCPQGGAAVVWLLSRHITDKDDFANNREFITMVVYKTDGKKVYPADPPPYIDGIRINSPHYLTKIKLTPGTHFTLVVSQYEKQNTIHYTVRVYSACSFTFSKIPSPYTLKSRINGKWSGQSAGGCGNFQETHKNNPIYQFHIEKTGPLLIELRGPRQYSVGFEVTVSTLGDGPHGFLRKSSGDYRCGFCYLELENIPSGIFNIIPSTFLPKQEGPFFLDFNSIPIKITQLQ
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — CAPN7

Entrez GeneID [23473](#)

GeneBank Accession# [NM_014296.2](#)

Protein Accession# [NP_055111.1](#)

Gene Name CAPN7

Gene Alias CALPAIN7, FLJ36423, PALBH

Gene Description calpain 7

Omim ID [606400](#)

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 function of the protein encoded by this gene is not known. An orthologue has been found in mouse but it seems to diverge from other family members. The mouse orthologue is thought to be calcium independent with protease activity. [provided by RefSeq]

Other Designations calpain like protease|homolog of Aspergillus Nidulans PALB