

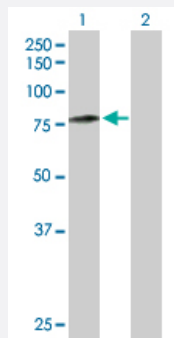
MaxPab®

CAPN5 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00000726-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CAPN5 expression in transfected 293T cell line ([H00000726-T01](#)) by CAPN5 MaxPab polyclonal antibody.

Lane 1: CAPN5 transfected lysate(73.20 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human CAPN5 protein.
Immunogen	CAPN5 (NP_004046.2, 1 a.a. ~ 640 a.a) full-length human protein.
Sequence	MFSCVKPYEDQNYLSALRRDCRRRKVLFEPLFPATDDSLYYKGTPGPAVRWKRPKGICEDPRLFVDGISSHDHLHQQGVGNCWFVAACSSLASRESLWQKVIPDWKEQEWDPKPNAYAGIFHFHFWRFGEWVDVVIDDRLPTVNNQLYCHSNSRNEFWCALVEKAYAKLAGCYQALDGGNTADALVDFTGGVSEPIDLTEGDFANDETKRNQLFERMLKVHSRGGISASIKAVTAADMEARLACGLVKGHAYAVTDVRKVRGLGHLLAFFKSEKLDMLRNPWGEREWNGPWSDTSEEWQKVSKSEREKMVGTVQDDGEFWMTFEDVCRYFTDIKCRVINTSHLSIHKTWEEARLHGAWTLHEDPRQNRGGGCINHKDTFFQNPQYIFEVKKPEDEVLCIQQRPKRSTRREGKGENLAIGFDIYKVEENRQYRMHSLQHKAASSYINSRSVFLRTDQPEGRYVLIPTTFEPGHTGEFLRVFTDVPSNCRELRLEPPHTCWSSLCGYPQLVTQVHVLGAAGLKDSPTGANSYVIKCEGDKVRSVAVQKGTSTPEYNVKGIFYRKKLSQPITVQVWNHRVLKDEFLGQVHLKADPDNLQALHTLHLRDRNSRQPSNLPGTVAHVHLSSTSLMAV
Host	Rabbit
Reactivity	Human
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.

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[Protocol Download](#)

Gene Info — CAPN5

Entrez GeneID [726](#)

GeneBank Accession# [NM_004055.4](#)

Protein Accession# [NP_004046.2](#)

Gene Name CAPN5

Gene Alias FLJ46245, HTRA3, nCL-3

Gene Description calpain 5

Omim ID [602537](#)

Gene Ontology [Hyperlink](#)

Gene Summary Calpains are calcium-dependent cysteine proteases involved in signal transduction in a variety of cellular processes. A functional calpain protein consists of an invariant small subunit and 1 of a family of large subunits. CAPN5 is one of the large subunits. Unlike some of the calpains, CAPN5 and CAPN6 lack a calmodulin-like domain IV. Because of the significant similarity to Caenorhabditis elegans sex determination gene tra-3, CAPN5 is also called as HTRA3. [provided by RefSeq]

Other Designations -

Disease

- [Atherosclerosis](#)
- [Calcinosis](#)

- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)
- [Polycystic Ovary Syndrome](#)