

## Calpain 11 Polyclonal Antibody

Catalog number: 13675-1-AP

Size: 22 µg/150 µl

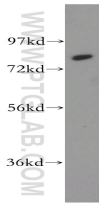
Source: Rabbit

Isotype: IgG

Synonyms:

CAPN11; Calpain 11, calpain11,

CANP 11, CAPN11



PC-3 cells were subjected to SDS PAGE followed by western blot with 13675-1-AP(CAPN11 antibody) at dilution of 1:0

### Background

Calpains are a superfamily of related proteins, some of which have been shown to function as intracellular calcium-dependent cysteine proteases. Calpains consist of a variable large (80 kDa) subunit and an invariant small (30 kDa) subunit. The expression of calpain11 during spermatogenesis and its localization in spermatozoa suggest that it is involved in regulating calcium-dependent signal transduction events during meiosis and sperm functional processes(PMID:16541461). And the 110 kDa band protein may be regarded as a complex.

### Applications

Tested applications:	ELISA, WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Calculated Calpain 11 MW:	702aa,81 kDa
Observed Calpain 11 MW:	81kd
Positive WB detected in	PC-3 cells
Recommended dilution:	WB: 1:500-1:5000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag4668
GenBank accession number:	BC033733
Gene ID (NCBI):	11131
Full name:	Calpain 11

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.