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CAPN6 / Calpain 6 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS13521

Specification

CAPN6 / Calpain 6 Antibody (C-Terminus) - Product Information

Application	**IF, IHC**
Primary Accession	Q9Y6Q1
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**75kDa KDa**

CAPN6 / Calpain 6 Antibody (C-Terminus) - Additional Information

Gene ID 827

Other Names
Calpain-6, Calpain-like protease X-linked, Calpamodulin, CalpM, CAPN6, CALPM, CANPX

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions
CAPN6 / Calpain 6 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CAPN6 / Calpain 6 Antibody (C-Terminus) - Protein Information

Name CAPN6

Synonyms CALPM, CANPX

Function
Microtubule-stabilizing protein that may be involved in the regulation of microtubule dynamics and cytoskeletal organization. May act as a regulator of RAC1 activity through interaction with ARHGEF2 to control lamellipodial formation and cell mobility. Does not seem to have protease activity as it has lost the active site residues (By similarity).

Cellular Location
Cytoplasm, perinuclear region. Cytoplasm, cytoskeleton, spindle. Note=During mitose associated with the mitotic spindle. At telophase colocalized to the midbody spindle

Tissue Location
Expressed only in placenta.

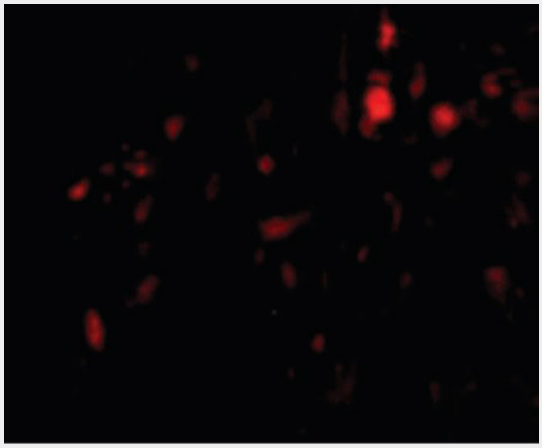
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CAPN6 / Calpain 6 Antibody (C-Terminus) - Protocols

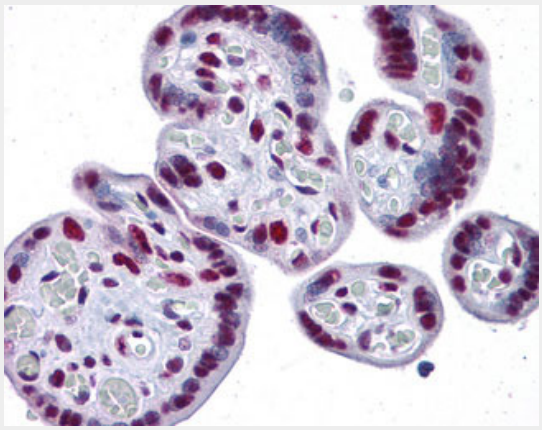
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CAPN6 / Calpain 6 Antibody (C-Terminus) - Images



Immunofluorescence of CAPN6 in Human Lung cells with CAPN6 antibody at 20 ug/ml.



Anti-CAPN6 / Calpain 6 antibody IHC of human placenta.

CAPN6 / Calpain 6 Antibody (C-Terminus) - Background

Microtubule-stabilizing protein that may be involved in the regulation of microtubule dynamics and cytoskeletal organization. May act as a regulator of RAC1 activity through interaction with ARHGEF2 to control lamellipodial formation and cell mobility. Does not seem to have protease activity as it has lost the active site residues (By similarity).

CAPN6 / Calpain 6 Antibody (C-Terminus) - References

Dear T.N.,et al.Genomics 45:175-184(1997).
Crotty P.L.,et al.Submitted (OCT-1997) to the EMBL/GenBank/DDBJ databases.
Belsito A.,et al.Submitted (JUL-1997) to the EMBL/GenBank/DDBJ databases.
Ross M.T.,et al.Nature 434:325-337(2005).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.