

Anti-Caspase 6 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

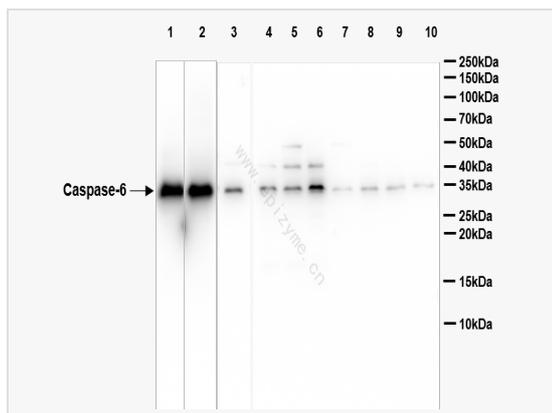
Catalog # R013736

Product Information

Application	IHC-P/IF (Tissue-P), ELISA, WB
Reactivity	Mouse, Human
Dilution	WB 1:1,000~1:2,000; IHC-P 1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	34C64B09
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human Caspase-6
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Caspase 6 Rabbit mAb [34C64B09] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CASP6, MCH2, Caspase-6, CASP-6, Apoptotic protease Mch-2.
Calculated MW	33 kDa
Uniprot ID	P55212
Gene ID	839
Background	Caspase-6 (Mch2) is one of the major executioner caspases functioning in cellular apoptotic processes. Upon apoptotic stimulation, initiator caspases such as caspase-9 are cleaved and activated. The activated upstream caspases further process downstream executioner caspases, such as caspase-3 and caspase-6, by cleaving them into large and small subunits, thereby initiating a caspase cascade leading to apoptosis. One of the major targets for caspase-6 is the membrane associated protein lamin A.



Western Blot - Anti-Caspase 6 Rabbit mAb [34C64B09]

All lanes: R013736 at 1:1,000 dilution

Lane 1: HeLa (human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: MCF7 (human breast adenocarcinoma epithelial cell) whole cell lysates

Lane 3: T24 (human bladder cancer epithelial cell) whole cell lysates

Lane 4: SCC-9 (human tongue squamous carcinoma epithelial cell) whole cell lysates

Lane 5: C2C12 (mouse myoblasts epithelial cell) whole cell lysates

Lane 6: U2OS (human osteosarcoma epithelial cell) whole cell lysates

Lane 7: SW620 (human colorectal carcinoma epithelial cell) whole cell lysates

Lane 8: Balb/c mouse liver whole tissue lysates

Lane 9: Balb/c mouse brain whole tissue lysates

Lane 10: Balb/c mouse kidney whole tissue lysates

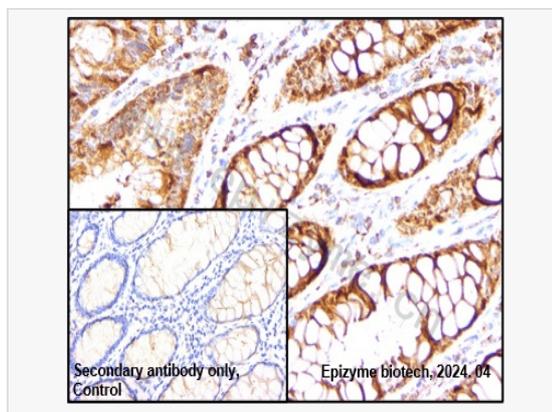
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 33 kDa

Observed band size: 33 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-Caspase 6 Rabbit mAb [34C64B09]

Sample: Paraformaldehyde-fixed, paraffin embedded human colorectal carcinoma tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R013736 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.