



# Cleaved-Caspase-6 p18 (D162) Polyclonal Antibody

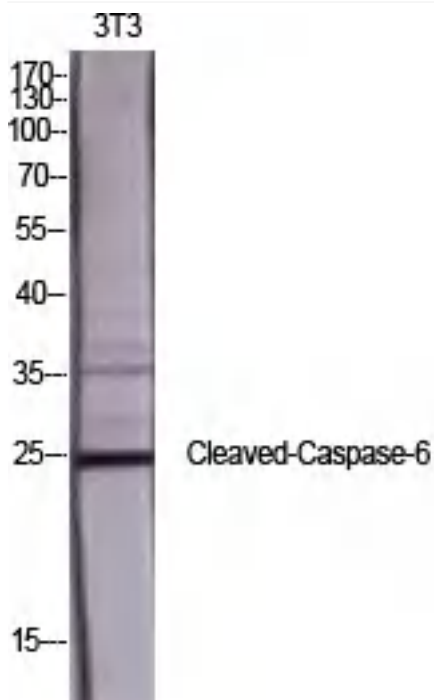
<b>Catalog No</b>	YP-Ab-00005
<b>Isotype</b>	IgG
<b>Reactivity</b>	Mouse;Rat
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	CASP6
<b>Protein Name</b>	Caspase6
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from mouse Caspase 6. AA range:144-193
<b>Specificity</b>	Cleaved-Caspase-6 p18 (D162) Polyclonal Antibody detects endogenous levels of fragment of activated Caspase-6 p18 protein resulting from cleavage adjacent to D162.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	CASP6; MCH2; Caspase-6; CASP-6; Apoptotic protease Mch-2
<b>Observed Band</b>	28+35kD
<b>Cell Pathway</b>	
<b>Tissue Specificity</b>	
<b>Function</b>	
<b>Background</b>	CASP6 encodes a member of the cysteine-aspartic acid protease (caspase) family of enzymes. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic acid residues to produce two subunits, large and small, that dimerize to form the active enzyme. Caspase 6 is processed by caspases 7, 8 and 10, and is thought to function as a downstream enzyme in the caspase activation cascade. Alternative splicing of CASP6 results in multiple transcript variants that encode different isoforms.
<b>matters needing attention</b>	Avoid repeated freezing and thawing!



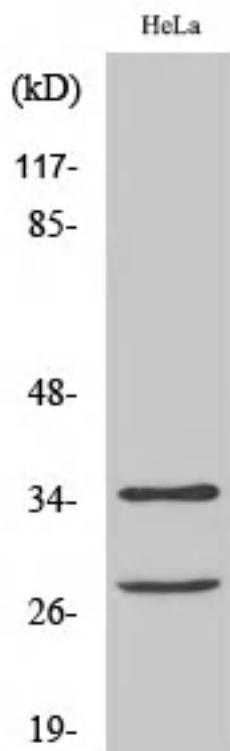
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

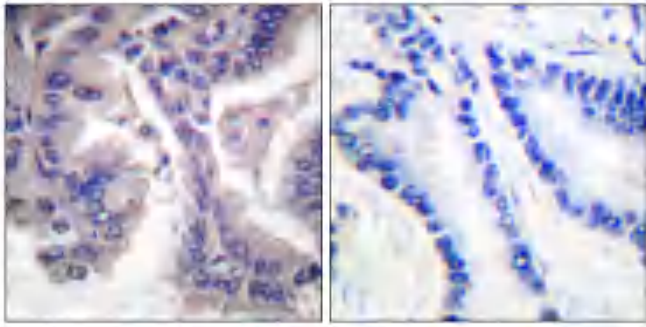
**Products Images**



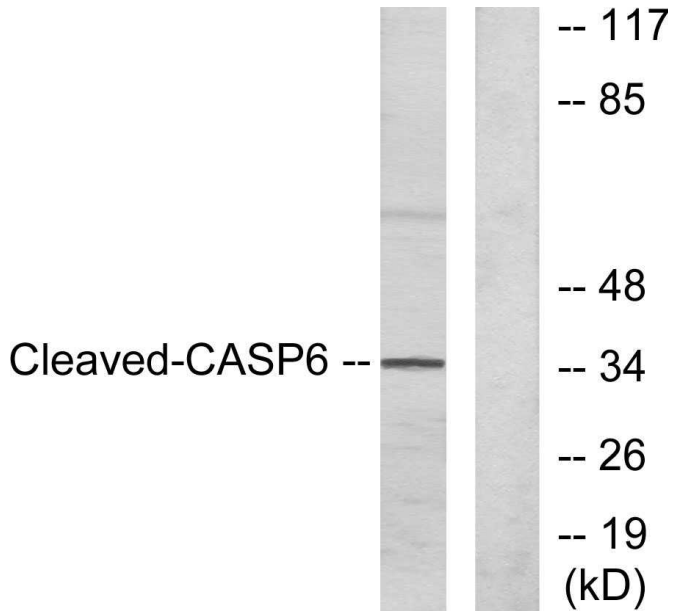
Western Blot analysis of various cells using Cleaved-Caspase-6 p18 (D162) Polyclonal Antibody diluted at 1:1000



Western Blot analysis of HeLa cells using Cleaved-Caspase-6 p18 (D162) Polyclonal Antibody diluted at 1:1000



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using Caspase 6 (Cleaved-Asp162) Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa cells, treated with Etoposide 25uM 60', using Caspase 6 (Cleaved-Asp162) Antibody. The lane on the right is blocked with the synthesized peptide.



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