

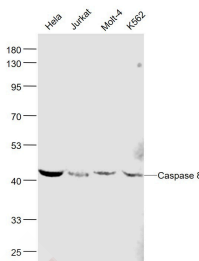
Anti-Caspase-8 Antibody (7P665)

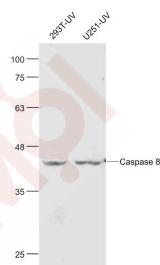
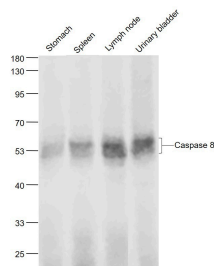
Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse (predicted:Rat)
Molecular Weight:	Theoretical: 43/57 kDa. Actual: 43/57 kDa.
Clone:	7P665
Purification:	Protein G purified

Applications

1. Sample: HeLa (Human) Cell Lysate at 30 µg Jurkat (Human) Cell Lysate at 30 µg Molt-4 (Human) Cell Lysate at 30 µg K562 (Human) Cell Lysate at 30 µg
Primary: Anti-Caspase 8 (TMAB-00289) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 41/43/55 kDa
Observed band size: 43 kDa
2. Sample:
Stomach (Mouse) Lysate at 40 µg
Spleen (Mouse) Lysate at 40 µg
Lymphnode (Mouse) Lysate at 40 µg
Urinary bladder (Mouse) Lysate at 40 µg
Primary: Anti-Caspase 8 (TMAB-00289) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 41/43/55 kDa
Observed band size: 55/53D
3. Sample:
293T-Uv (Human) Cell Lysate at 30 µg
U251-Uv (Human) Cell Lysate at 30 µg
Primary: Anti-Caspase 8 (TMAB-00289) at 1/4000 dilution
Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution
Predicted band size: 41/43/55 kDa
Observed band size: 43 kDa
- Verified Activity:





Application: WB
 Recommended WB: 1:2000-5000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
 Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: human Caspase 8 Protein
 Antigen Species: Human
 Gene ID: 841
 Uniprot ID: Q14790
 Synonyms: Caspase-8;MCH5;CASP8;CAP4;CASP-8;Apoptotic cysteine protease;FADD-like ICE (FLICE);FADD-homologous ICE/ced-3-like protease;ICE-like apoptotic protease 5;Apoptotic protease Mch-5;MORT1-associated ced-3 homolog (MACH)
 Biology Area: Caspases, Metabolism, Necroptosis, Caspases, Caspases, Other proteases, Apoptosis

Research Background

Caspases are cysteine proteases, expressed as inactive precursors, that mediate apoptosis by proteolysis of specific substrates. Caspases have the ability to cleave after aspartic acid residues. There are two classes of caspases involved in apoptosis; initiators (activation by receptor cluster) and effectors (activation by mitochondrial permeability transition). Proapoptotic signals autocatalytically activate initiator caspases, such as Caspase 8 and Caspase 9. Activated initiator caspases then process effector caspases, such as Caspase 3 and Caspase 7, which in turn cause cell collapse.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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