

Anti-Caspase-14 p10 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:GuineaPig)
Molecular Weight:	Theoretical: 27 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Tissue/cell: Mouse Embryo tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Caspase 14 Polyclonal Antibody, Unconjugated (TMAB-03657) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining</p> <p>2. Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-caspase-14 Polyclonal Antibody, Unconjugated (TMAB-03657) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining</p> <p>3. Tissue/cell: rat colon tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Caspase-14 Polyclonal Antibody, Unconjugated (TMAB-03657) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining</p>
Application:	IHC-P,IHC-Fr,IF
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Caspase-14 subunit p10
Antigen Species: Human
Gene ID: 23581
Uniprot ID: P31944

Research Background

Believed to be a non-apoptotic caspase which is involved in epidermal differentiation. Seems to play a role in keratinocyte differentiation and cornification. Probably regulates maturation of the epidermis by proteolytically processing filaggrin.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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