CASP4 Polyclonal Antibody

catalog number: D-AB-10447L

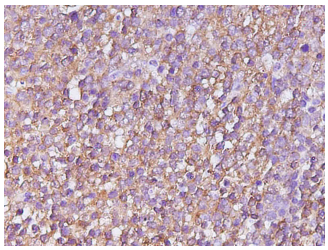
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

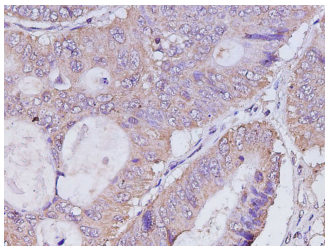
Reactivity	Human;Mouse
Immunogen	Recombinant Human CASP4 protein expressed by E.coli
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications	Recommended Dilution
IHC	1:400-1:800
IF	1:50-1:200

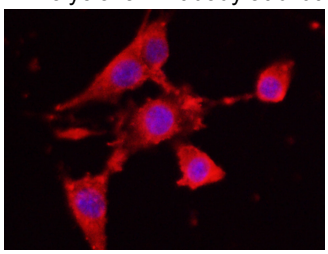
Data



Immunohistochemistry of paraffinembedded Human tonsil using CASP4 Polyclonal Antibody at dilution of 1:800



Immunohistochemistry of paraffinembedded Human colon cancer using CASP4 Polyclonal Antibody at dilution of 1:800



Immunofluorescence analysis of NIH-3T3 cells using CASP4 Polyclonal Antibody at dilution of 1:200

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

This gene encodes a member of the cysteine proteases that plays important roles in apoptosis,cell migration and the inflammatory response. The encoded protein mediates production of pro-inflammatory cytokines by macrophages upon bacterial infection. Mice lacking the encoded protein are resistant to endotoxic shock induced by lipopolysaccharide. A 5-bp deletion encompassing a splice acceptor junction resulting in alternate splicing and a shorter non-functional isoform in certain mouse strains has been described. Although its official nomenclature is "caspase 4,apoptosis-related cysteine peptidase",this gene and its encoded protein have historically been called caspase 11. This gene is present in a cluster of three caspase genes on chromosome 9.

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