

CASP12 Polyclonal Antibody

Catalog Number:E-AB-12302



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

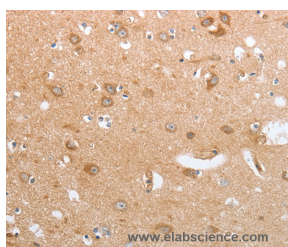
Description

Reactivity	Human, Mouse
Immunogen	Synthetic peptide of human CASP12
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

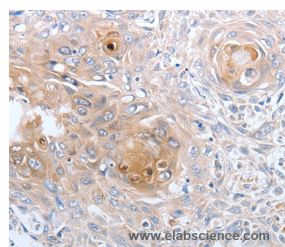
Applications Recommended Dilution

IHC	1:50-1:200
------------	------------

Data



Immunohistochemistry of paraffin-embedded Human brain tissue using CASP12 Polyclonal Antibody at dilution 1:50



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using CASP12 Polyclonal Antibody at dilution 1:50

Preparation & Storage

Storage	Store at -20°C. Avoid freeze / thaw cycles.
----------------	---

Background

Caspases are cysteine proteases that cleave C-terminal aspartic acid residues on their substrate molecules. This gene is most highly related to members of the ICE subfamily of caspases that process inflammatory cytokines. In rodents, the homolog of this gene mediates apoptosis in response to endoplasmic reticulum stress. However, in humans this gene contains a polymorphism for the presence or absence of a premature stop codon. The majority of human individuals have the premature stop codon and produce a truncated non-functional protein. The read-through codon occurs primarily in individuals of African descent and carriers have endotoxin hypo-responsiveness and an increased susceptibility to severe sepsis. Several alternatively spliced transcript variants have been noted for this gene.

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017