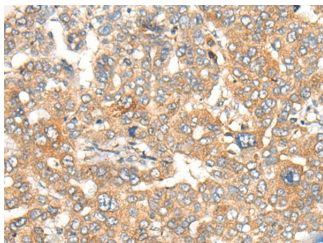
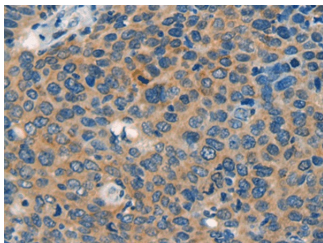


CASP4 Polyclonal Antibody

catalog number: E-AB-53537

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

Description	
Reactivity	Human
Immunogen	Synthetic peptide of human CASP4
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Applications	Recommended Dilution
IHC	1:30-1:150

Data	
	
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CASP4 Polyclonal Antibody at dilution of 1:40(×200)	Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using CASP4 Polyclonal Antibody at dilution of 1:40(×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 &quot;caspase 4, apoptosis-related cysteine peptidase&quot;, 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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