

CASP5 Antibody

Catalog No: #42920

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

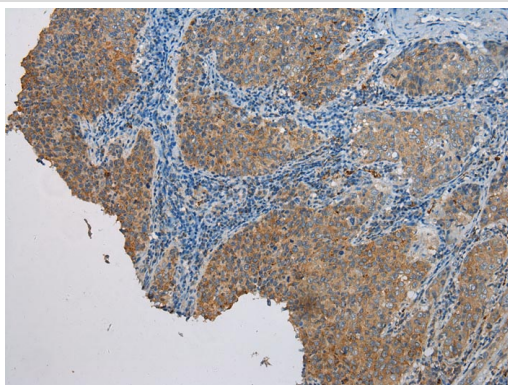
Description

Product Name	CASP5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CASP5 protein.
Immunogen Type	protein
Immunogen Description	Fusion protein of human CASP5
Target Name	CASP5
Other Names	ICH-3; ICEREL-III; ICE(rel)III
Accession No.	Swiss-Prot#: P51878Gene ID: 838
Uniprot	P51878
GeneID	838;
Concentration	1.2mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

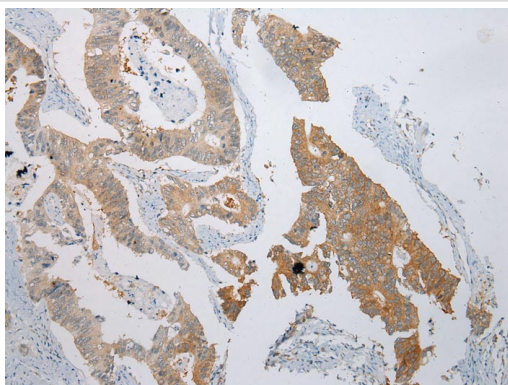
Application Details

Immunohistochemistry: 1:100-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human Cervical cancer tissue using #42920 at dilution 1/200.



Immunohistochemical analysis of paraffin-embedded Human Colorectal cancer tissue using #42920 at dilution 1/200.

Background

This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. Overexpression of the active form of this enzyme induces apoptosis in fibroblasts. Max, a central component of the Myc/Max/Mad transcription regulation network important for cell growth, differentiation, and apoptosis, is cleaved by this protein; this process requires Fas-mediated dephosphorylation of Max. The expression of this gene is regulated by interferon-gamma and lipopolysaccharide. Alternatively spliced transcript variants have been identified for this gene.

Note: This product is for in vitro research use only