OTUD7B Antibody

Catalog No: #46637

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

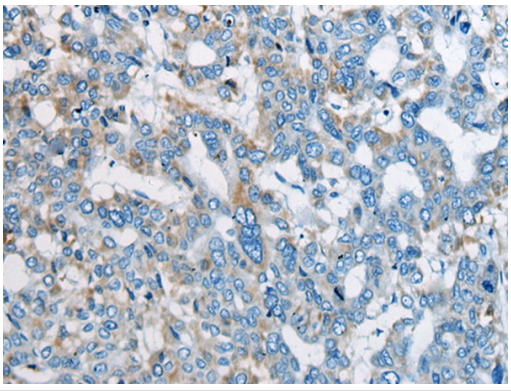
Description

Product Name	OTUD7B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total OTUD7B protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to internal residues of human OTUD7B
Target Name	OTUD7B
Other Names	ZA20D1; CEZANNE
Accession No.	Swiss-Prot:Q6GQQ9 NCBI Gene ID:56957NCBI Protein:NP_064590
Uniprot	Q6GQQ9
GeneID	56957;
Concentration	1.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

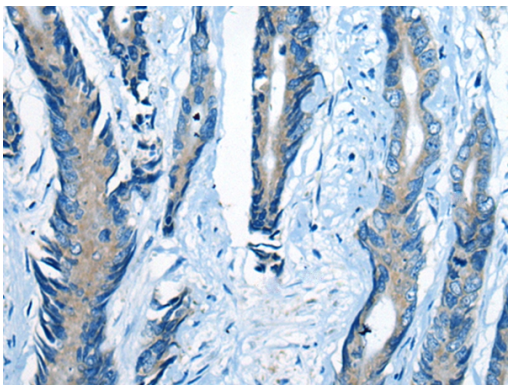
Application Details

Immunohistochemistry: 1: 20-100

Images



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46637(OTUD7B Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 46637(OTUD7B Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

OTUD7B (OTU domain-containing protein 7B), also known as ZA20D1 or Cezanne, is an 843 amino acid protein that localizes to both the nucleus and the cytoplasm. Expressed in a variety of tissues, including liver, kidney, heart and immature B-cells, OTUD7B functions to hydrolyze branched and linear forms of polyubiquitin, specifically deubiquinating Lys-48- and Lys-63-linked polyubiquitin chains. Via its ability to deubiquinate target proteins, OTUD7B regulates the inflammatory response within the cell and may play a role in cell survival. More specifically, OTUD7B forms a negative feedback loop in pro-inflammatory signaling, thereby suppressing NF?B activity and helping to resolve inflammatory responses. OTUD7B contains one C-terminal A20-type zinc finger, one OTU domain and one N-terminal TRAF-binding domain through which it conveys its deubiquitinating activity.

Note: This product is for in vitro research use only