

HTRA4 Antibody

Catalog No: #47642

Package Size: #47642 100ul



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

Description

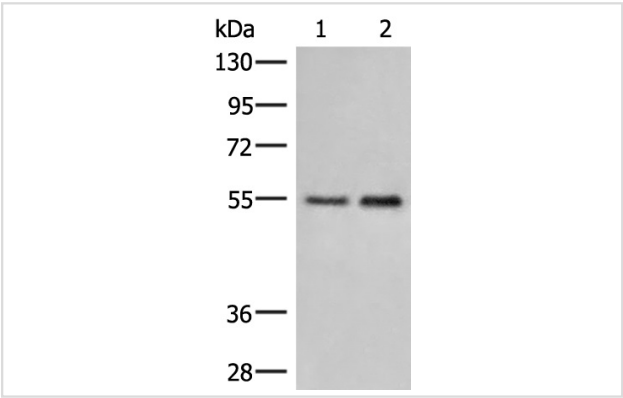
Product Name	HTRA4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IHC
Species Reactivity	Human;Rat
Specificity	The antibody detects endogenous levels of total HTRA4 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human HTRA4
Conjugates	Unconjugated
Target Name	HTRA4
Accession No.	Swiss-Prot#:P83105NCBI Gene ID:203100Gene Accssion:NP_710159
Calculated MW	51 kDa
Concentration	1
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

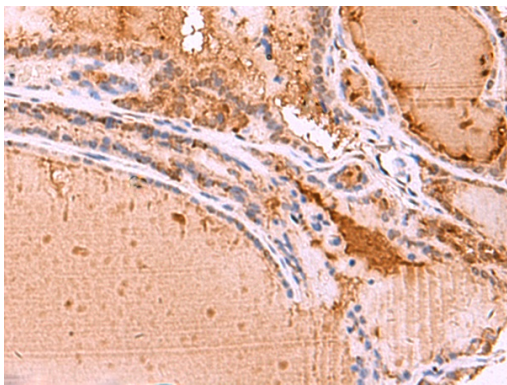
WB dilution:1:500-2000

IHC dilution:1: 30-150

Images



Gel: 8%SDS-PAGE, Lysate: 40 μ g, Lane 1-2: Human placenta tissue and 231 cell lysates, Primary antibody:47642(HTRA4 Antibody) at dilution 1/400, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 3 minutes



The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 47642(HTRA4 Antibody) at dilution 1/35.(Original magnification: 200)

Background

This gene encodes a member of the HtrA family of proteases. The encoded protein contains a putative signal peptide, an insulin growth factor binding domain, a Kazal protease inhibitor domain, a conserved trypsin domain and a PDZ domain. Based on studies on other related family members, this enzyme may function as a secreted oligomeric chaperone protease to degrade misfolded secretory proteins. Other human HtrA proteins have been implicated in arthritis, tumor suppression, unfolded stress response, apoptosis, and aging.

Published Papers

Li Pin;Shen Yihang;Yin Xiaoqin;Zang Shaolian;Zhou Shasha et al., The epigenetic role of HTR1A antagonist in facilitating GnRH expression for pubertal initiation control, , (2021)

[PMID:34458005](#)

Li Pin;Shen Yihang;Yin Xiaoqin;Zang Shaolian;Zhou Shasha et al., The epigenetic role of HTR1A antagonist in facilitating GnRH expression for pubertal initiation control, , (2021)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.