

HTRA4 Antibody

Catalog No: #47642

Package Size: #47642 100ul

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

Description

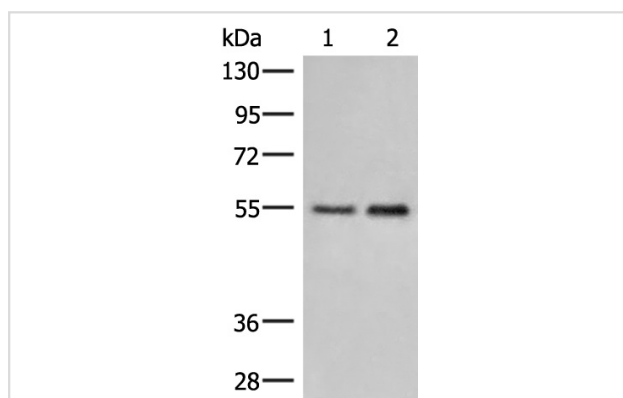
Product Name	HTRA4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IHC
Species Reactivity	Hu, Rt
Specificity	The antibody detects endogenous levels of total HTRA4 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide of human 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% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

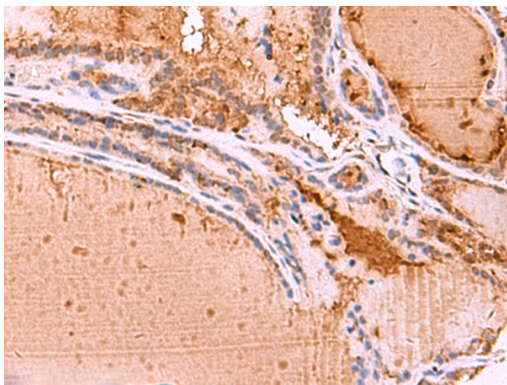
WB dilution:1:500-2000

IHC dilution:1: 30-150

Images



Gel: 8%SDS-PAGE, Lysate: 40 µg, 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.