

## anti- HTRA1 antibody

### Product Information

Catalog No.:	FNab04069
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Serine protease with a variety of targets, including extracellular matrix proteins such as fibronectin. HTRA1-generated fibronectin fragments further induce synovial cells to up-regulate MMP1 and MMP3 production. May also degrade proteoglycans, such as aggrecan, decorin and fibromodulin. Through cleavage of proteoglycans, may release soluble FGF-glycosaminoglycan complexes that promote the range and intensity of FGF signals in the extracellular space. Regulates the availability of insulin-like growth factors(IGFs) by cleaving IGF-binding proteins. Inhibits signaling mediated by TGF-beta family members. This activity requires the integrity of the catalytic site, although it is unclear whether TGF-beta proteins are themselves degraded. By acting on TGF-beta signaling, may regulate many physiological processes, including retinal angiogenesis and neuronal survival and maturation during development. Intracellularly, degrades TSC2, leading to the activation of TSC2 downstream targets.

### Immunogen information

Immunogen:	HtrA serine peptidase 1
Synonyms:	HTRA, PRSS11
Observed MW:	35 kDa, 50 kD, 42 kDa
UniprotID :	Q92743

### Wuhan Fine Biotech Co., Ltd.

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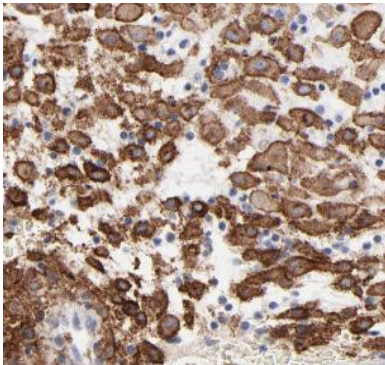
## Application

Reactivity: Human, Mouse, Rat

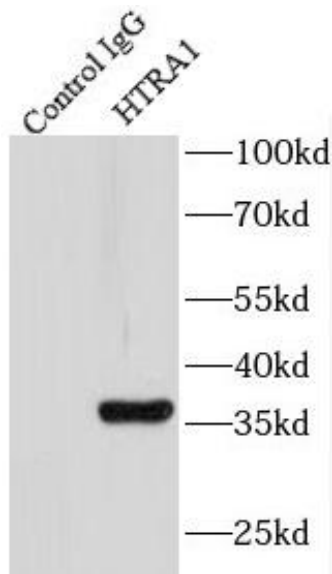
Tested Application: ELISA, WB, IF, IP, IHC

Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200; IF: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human placenta tissue slide using FNab04069(HTRA1 Antibody) at dilution of 1:200



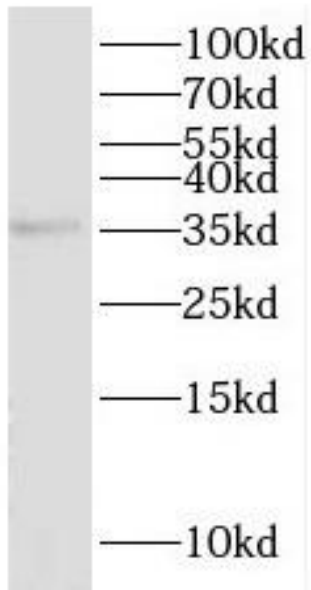
IP Result of anti-HTRA1 (IP:FNab04069, 4ug; Detection:FNab04069 1:500) with L02 cells lysate 1400ug.

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L02 cells were subjected to SDS PAGE followed by western blot with FNa04069(HTRA1 antibody) at dilution of 1:600