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Datasheet for ABIN7168917

**anti-HTRA1 antibody (AA 23-248) (Biotin)**

## Overview

Quantity:	100 µL
Target:	HTRA1
Binding Specificity:	AA 23-248
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HTRA1 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Serine protease HTRA1 protein (23-248AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	HTRA1
Alternative Name:	HTRA1 ( <a href="#">HTRA1 Products</a> )
Background:	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-

## Target Details

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.

Aliases: ARMD7 antibody, CARASIL antibody, High-temperature requirement A serine peptidase 1 antibody, HtrA antibody, HtrA serine peptidase 1 antibody, HTRA1 antibody, HTRA1\_HUMAN antibody, IGFBP5 protease antibody, L56 antibody, ORF480 antibody, Protease serine 11 (IGF binding) antibody, protease serine 11 antibody, PRSS11 antibody, Serine protease 11 antibody, Serine protease HTRA1 antibody, Serine protease HTRA1 precursor antibody

UniProt: [Q92743](#)

Pathways: [Growth Factor Binding](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.