

产品名称: Tmprss3 Rabbit Polyclonal Antibody

产品货号: APRab19072

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,IHC,ICC/IF,ELISA
种属反应(Reactivity)	Human,Mouse
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液(Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
分子量(Molecular Weight)	49kDa

抗原信息(Antigen Information)

基因名(Gene Name)	Tmprss3
别名(Alternative Names)	Tmprss3; ECHOS1; TADG12; Transmembrane protease serine 3; Serine protease TADG-12; Tumor-associated differentially-expressed gene 12 protein
基因 ID(Gene ID)	64699.0
SwissProt ID	P57727
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human Tmprss3. AA range:405-454

研究背景 (Background)

This gene encodes a protein that belongs to the serine protease family. The encoded protein contains a serine protease

domain, a transmembrane domain, an LDL receptor-like domain, and a scavenger receptor cysteine-rich domain. Serine proteases are known to be involved in a variety of biological processes, whose malfunction often leads to human diseases and disorders. This gene was identified by its association with both congenital and childhood onset autosomal recessive deafness. This gene is expressed in fetal cochlea and many other tissues, and is thought to be involved in the development and maintenance of the inner ear or the contents of the perilymph and endolymph. This gene was also identified as a tumor-associated gene that is overexpressed in ovarian tumors. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2012],disease:Defects in TMPRSS3 are a cause of non-syndromic sensorineural deafness autosomal recessive type 10 (DFNB10) [MIM:605316].,disease:Defects in TMPRSS3 are the cause of non-syndromic sensorineural deafness autosomal recessive type 8 (DFNB8) [MIM:601072]. DFNA8 is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain, or the area of the brain that receives sound information.,function:Probable protease. Seems to be capable of activating ENaC.,PTM:Undergoes autoproteolytic activation.,similarity:Belongs to the peptidase S1 family.,similarity:Contains 1 LDL-receptor class A domain.,similarity:Contains 1 peptidase S1 domain.,similarity:Contains 1 SRCR domain.,tissue specificity:Expressed in many tissues including fetal cochlea. Isoform T is found at increased levels in some carcinomas.,

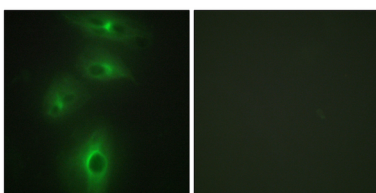
研究领域 (Research Area)

Neuroscience; Neurology process; Neurodegenerative disease; Cell Biology; Proteolysis / Ubiquitin; Proteolytic enzymes; Serine protease; TMPRSS

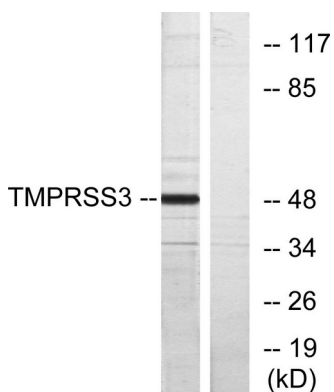
注意事项 (Note)

For research use only.

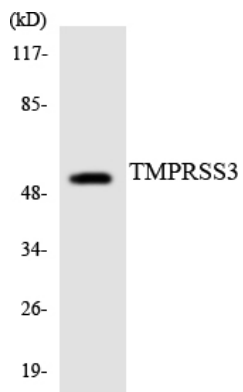
图片 (Image Data)



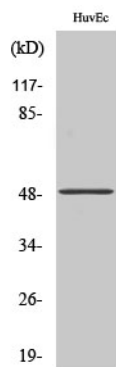
Immunofluorescence analysis of HeLa cells, using TMPRSS3 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC cells, using TMPRSS3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HT-29 cells using TMPRSS3 antibody.



Western Blot analysis of various cells using TMPRSS3 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

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产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

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