

产品名称: Neuropsin Rabbit Polyclonal Antibody
产品货号: APRab14623



产品概述 (Summary)

产品名称 (Production Name)	Neuropsin Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (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.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	OPN5
别名 (Alternative Names)	OPN5; GPR136; PGR12; TMEM13; Opsin-5; G-protein coupled receptor 136; G-protein coupled receptor PGR12; Neuropsin; Transmembrane protein 13
基因 ID (Gene ID)	221391.0
蛋白 ID (SwissProt ID)	Q6U736.The antiserum was produced against synthesized peptide derived from human OPN5. AA range:251-300

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量 (Molecular Weight)	43kDa

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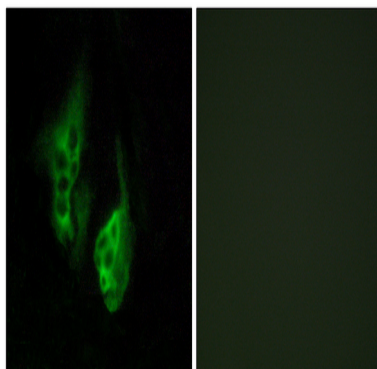
研究背景 (Background)

Opsins are members of the guanine nucleotide-binding protein (G protein)-coupled receptor superfamily. This opsin gene is expressed in the eye, brain, testes, and spinal cord. This gene belongs to the seven-exon subfamily of mammalian opsin genes that includes peropsin (RRH) and retinal G protein coupled receptor (RGR). Like these other seven-exon opsin genes, this family member may encode a protein with photoisomerase activity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2010],caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,PTM:It is uncertain whether Cys-315 or Cys-316 is palmitoylated.,similarity:Belongs to the G-protein coupled receptor 1 family. Opsin subfamily.,tissue specificity:Detected in brain and retina and cell lines derived from neural retina.,

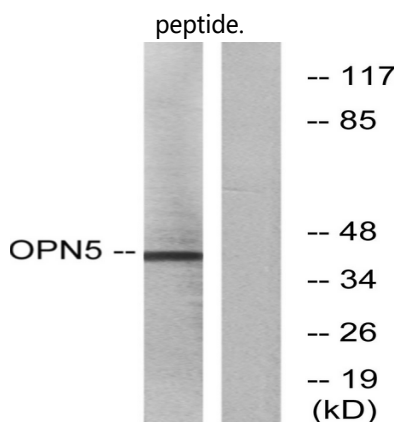
研究领域 (Research Area)

Signal Transduction; Cytoskeleton / ECM; Extracellular Matrix; ECM Enzymes; Kallikreins; Cancer; Invasion/microenvironment; Kallikreins; Cell Biology; Proteolysis / Ubiquitin; Proteolytic enzymes; Serine protease

图片 (Image Data)

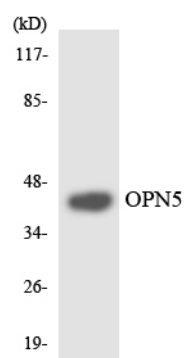


Immunofluorescence analysis of HeLa cells, using OPN5 Antibody. The picture on the right is blocked with the synthesized peptide.

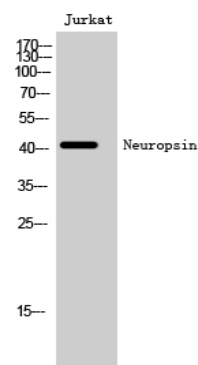


Western blot analysis of lysates from Jurkat cells, using OPN5 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western blot analysis of the lysates from HUVEC cells using OPN5 antibody.



Western Blot analysis of Jurkat cells using Neuropsin Polyclonal Antibody

注意事项 (Note)

For research use only .