



CSPG4 rabbit pAb

Cat No.:ES11254

For research use only

Overview

Product Name	CSPG4 rabbit pAb
Host species	Rabbit
Applications	IHC;IF
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	IHC-p 1:50-300
Immunogen	Synthesized peptide derived from human protein . at AA range: 1910-1990
Specificity	CSPG4 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	Chondroitin sulfate proteoglycan 4 (Chondroitin sulfate proteoglycan NG2) (Melanoma chondroitin sulfate proteoglycan) (Melanoma-associated chondroitin sulfate proteoglycan)
Gene Name	CSPG4 MCSP
Cellular localization	Cell membrane ; Single-pass type I membrane protein ; Extracellular side . Apical cell membrane ; Single-pass type I membrane protein ; Extracellular side . Cell projection, lamellipodium membrane ; Single-pass type I membrane protein ; Extracellular side . Cell surface . Localized at the apical plasma membrane it relocalizes to the lamellipodia of astrocytoma upon phosphorylation by PRKCA. Localizes to the retraction fibers. Localizes to the plasma membrane of oligodendrocytes (By similarity). .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml





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Observed band 255kD
Human Gene ID 1464
Human Swiss-Prot Number Q6UVK1

Alternative Names

Background

A human melanoma-associated chondroitin sulfate proteoglycan plays a role in stabilizing cell-substratum interactions during early events of melanoma cell spreading on endothelial basement membranes. CSPG4 represents an integral membrane chondroitin sulfate proteoglycan expressed by human malignant melanoma cells. [provided by RefSeq, Jul 2008],



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