

Recombinant Human Occludin protein ab114189

1 References 1 图像

描述	
产品名称	重组人Occludin蛋白
表达系统	Wheat germ
Accession	<u>Q16625</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MSSRPLESPPPYRPDEFKPNHYAPSNDIYGGEMHVRPMLSQP AYSFYPED EILHFYKWTSPPGVIRILSMLIIVMCIAIFACVASTLAWDRG YGTSLG SVGYPYGGSGFGSYGSGYGYGYGYGYGYGYGYTDPRAAKGFML AMAAFCFI AALVIFVTSVIRSEMSRTRRYLSVIIVSAILGIMVFIATIV YIMGVNPT AQSSGSLYGSQIYALCNQFYTPAATGLYVDQYSYHYCVVDPQ EAIAIVLG FMIIIVAFALIIFFAVKTRRKMDRYDKSNILWDKEHIYDEQPP NVEEWKN VSAGTQDVSPSPSDYVERVDSPMAYSSNGKVNDKRFYPESY KSTPVPEV VQELPLTSPVDDFRQPRYSSGGNFETPSKRAPAKGRAGRSKR TEQDHYET DYTTGGESCDELEEDWIREYPPITSDQQRQLYKRNFTGLQE YKSLQSEL DEINKELSRDKELDDYREESEEYMAAADEYNRLKQVKGSAD YKSKKNHC KQLKSKLSHIKKMVG DYDRQKT
预测分子量	84 kDa including tags
氨基酸	1 to 522
标签	GST tag N-Terminus
技术指标	

Our **Abpromise guarantee** covers the use of **ab114189** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
	Western blot
	ELISA
形式	Liquid

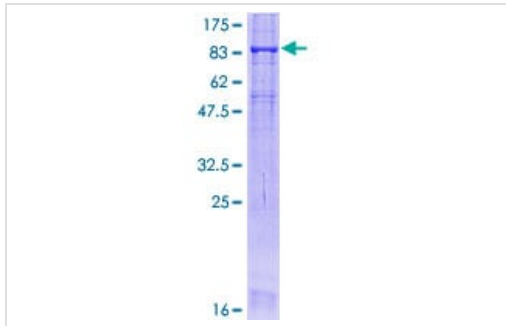
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
	pH: 8.00
	Constituents: 0.79% Tris HCl, 0.3% Glutathione

常规信息

功能	May play a role in the formation and regulation of the tight junction (TJ) paracellular permeability barrier. It is able to induce adhesion when expressed in cells lacking tight junctions.
组织特异性	Localized at tight junctions of both epithelial and endothelial cells. Highly expressed in kidney. Not detected in testis.
疾病相关	Defects in OCLN are the cause of band-like calcification with simplified gyration and polymicrogyria (BLCPMG) [MIM:251290]; also known as pseudo-TORCH syndrome. BLCPMG is a neurologic disorder with characteristic clinical and neuroradiologic features that mimic intrauterine TORCH infection in the absence of evidence of infection. Affected individuals have congenital microcephaly, intracranial calcifications, and severe developmental delay.
序列相似性	Belongs to the ELL/occludin family. Contains 1 MARVEL domain.
结构域	The C-terminal is cytoplasmic and is important for interaction with ZO-1. Sufficient for the tight junction localization. Involved in the regulation of the permeability barrier function of the tight junction (By similarity). The first extracellular loop participates in an adhesive interaction.
翻译后修饰	Phosphorylated upon DNA damage, probably by ATM or ATR. Dephosphorylated by PTPRJ. The tyrosine phosphorylation on Tyr-398 and Tyr-402 reduces its ability to interact with TJP1.
细胞定位	Membrane. Cell junction > tight junction.

图片



SDS-PAGE - Recombinant Human Occludin protein
(ab114189)

ab114189 analysed on a 12.5% SDS-PAGE gel stained with Coomassie Blue.

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