Best Tools for immunology Research

OCLN rabbit-FC recombinant protein

Catalog No :	YD3125
Reactivity :	Human;
Purity :	>90% as determined by SDS-PAGE
Gene Name :	OCLN
Protein Name :	Occludin;OCN
Sequence :	Amino acid:383-525,with rabbit FC tag.
Human Gene Id :	100506658
Human Swiss Prot No :	Q16625
Formulation :	Phosphate-buffered solution
Source :	Mammalian cells
Storage Stability :	-15°C to -25°C/1 year(Avoid freeze / thaw cycles)
Background :	This gene encodes an integral membrane protein that is required for cytokine-induced regulation of the tight junction paracellular permeability barrier. Mutations in this gene are thought to be a cause of band-like calcification with simplified gyration and polymicrogyria (BLC-PMG), an autosomal recessive neurologic disorder that is also known as pseudo-TORCH syndrome. Alternative splicing results in multiple transcript variants. A related pseudogene is present 1.5 Mb downstream on the q arm of chromosome 5. [provided by RefSeq, Apr 2011],
Function :	protein complex assembly, cellular amino acid derivative metabolic process, sulfur metabolic process, nucleoside metabolic process, ribonucleoside metabolic process, purine nucleoside metabolic process, macromolecular complex subunit organization, purine ribonucleoside metabolic process, S-adenosylhomocysteine metabolic process, S-adenosylmethionine metabolic process, macromolecular complex assembly, protein complex biogenesis,
Subcellular Location :	Cell membrane ; Multi-pass membrane protein . Cell junction, tight junction .

Expression :	Localized at tight junctions of both epithelial and endothelial cells. Highly expressed in kidney. Not detected in testis.

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