

Product Name: Zonula occludens protein 3 Rabbit Monoclonal Antibody**Catalog #: AMRe87576**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:2000-1:20000
Molecular Weight	Calculated MW:101 kDa; Observed MW:140 kDa

Antigen Information

Gene Name	Zonula occludens protein 3
Alternative Names	ZO3; ZO-3
Gene ID	27134
SwissProt ID	O95049
Immunogen	A synthetic peptide of human Zonula occludens protein 3

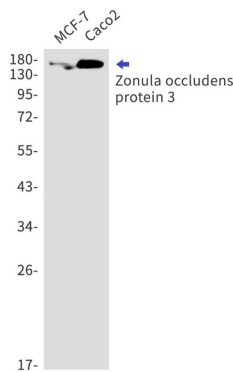
Background

The protein encoded by this gene is a member of the membrane-associated guanylate kinase-like (MAGUK) protein family which is characterized by members having multiple PDZ domains, a single SH3 domain, and a single guanylate kinase-like

(GUK)-domain. In addition, members of the zonula occludens protein subfamily have an acidic domain, a basic arginine-rich region, and a proline-rich domain. The protein encoded by this gene plays a role in the linkage between the actin cytoskeleton and tight-junctions and also sequesters cyclin D1 at tight junctions during mitosis. Alternative splicing results in multiple transcript variants encoding distinct isoforms. This gene has a partial pseudogene on chromosome 1. [provided by RefSeq, May 2012]

Research Area

Image Data



Western blot detection of Zonula occludens protein 3 in MCF-7, Caco2 cell lysates using Zonula occludens protein 3 antibody(1:1000 diluted).