

# **ZO-1** Recombinant antibody

Cat: B26001L Company: Haokebio

Uniprot ID:Q07157 Applications: IHC:1:500-1:2000

IHC-Polymer:1:2000-1:8000

IHC-TSA:1:2500-1:10000

IF:1:50-1:100

WB:1:2000-1:40000

## Background:

Organism: Rabbit

Species reactivity: Human Mouse

Tight junction (or zonula occludens) form the co ntinuous intercellular barrier between epithelial a nd endothelial cells, which is required to separate tissue spaces and regulate selective movement o f solutes across the epithelium and endothelium. ZO-1 (also known as TJP1) is a peripheral memb rane phosphoprotein located on the cytoplasmic f ace and is expressed in tight junctions of both epi thelial and endothelial cells. It binds the transme mbrane proteins occludin and the claudins linkin g them to cytoskeletal actin. ZO-1 belongs to a fa mily of multidomain proteins known as the mem brane-associated guanylate kinase homologs (M AGUKs). It is a pivotal tight junction protein and may be involved in signaling mechanisms regula ting cell proliferation and differentiation.

#### Protein full name:

tight junction protein 1

## Synonyms:

TJP1, 240150D7, Tight junction protein 1, Tight junction protein ZO 1, Tight junction protein ZO -1

## Immunogen:

Recombinant protein

## Isotype:

IgG

### Subcellular location:

Cytoskeleton

#### **Purity:**

Affinity purification

#### Form:

Liquid

## Storage Buffer:

PBS with 0.02%sodium azide,100  $\mu$ g/ml BSA and 50% glyce rol.

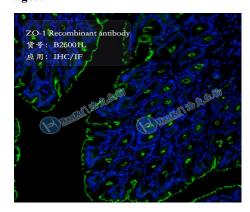
## Storage:

Store at -20 °C for one year.

## Experimental procedure:

Antigen retrieval: Citrate buffer (pH 6.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody,  $4^{\circ}$ C overnight. Secondary antibody: P oly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

## Images:

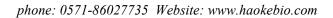


Sample: Mouse intestine, 4% PFA 12-24h

#### Source of Reagents:

发表[中文论文]请标注:ZO-1(B26001L)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:ZO-1(B26001L) were kindly provide d by Hangzhou Haoke Biotechnology Co., Ltd.





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