

Anti-CLDN11 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Rat)
Molecular Weight:	Theoretical: 22 kDa. Actual: 42 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: Testis (Mouse) Lysate at 40 µg Primary: Anti-Claudin 11 (TMAB-04437) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 22 kD Observed band size: 21 kD
	2. Sample: Testis (Mouse) Lysate at 40 µg Primary: Anti-Claudin 11'Oligodendrocyte Specific Protein (TMAB-04437) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 22 kD Observed band size: 22 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: mouse Claudin 11
Antigen Species:	Mouse
Gene ID:	18417
Uniprot ID:	Q60771

Research Background

Oligodendrocyte specific protein (OSP) is the third most abundant component of central nervous system myelin. The claudin superfamily consists of many structurally related proteins. These proteins, which include claudin 1 through 18, are located in both epithelial and endothelial cells in all tight junction bearing tissues. Claudins, which consist of four transmembrane domains and two extracellular loops, make up tight junction strands. There is growing evidence that OSP/Claudin 11 determines the permeability between layers of myelin sheaths via focal adhesion. Its expression is highly regulated during development, suggesting that it may play an important role in the growth and differentiation of oligodendrocytes and other cells outside the CNS. In addition, the protein is a candidate

autoantigen in the development of autoimmune demyelinating disease.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481