

Anti-WAC Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 71 kDa. Actual: 71 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Spleen (Mouse) Lysate at 40 µg Primary: Anti-WAC (TMAB-14153) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 71 kD Observed band size: 71 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: human WAC
Antigen Species:	Human
Gene ID:	51332
Uniprot ID:	Q9NRC6

Research Background

Spectrin, an Actin binding protein that is a major component of the cytoskeletal superstructure of the erythrocyte plasma membrane, is essential in determining the properties of the membrane including its shape and deformability. Spectrins function as membrane organizers and stabilizers, composed of nonhomologous α and β chains, which aggregate side-to-side in an antiparallel fashion to form dimers, tetramers, and higher polymers. The spectrin tetramers in erythrocytes act as barriers to lateral diffusion, but spectrin dimers seem to lack this function. Spectrin β V is a non-erythrocytic member of the β -spectrin family. It is expressed in brain and pancreatic islets and localizes to the cytoplasm of the cytoskeleton and cell cortex. Spectrin β V is a 2,564 amino acid protein with four isoforms due to alternative splicing events.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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