

Anti-C3IP1 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Pig,Horse,Sheep)
Molecular Weight:	Theoretical: 63 kDa. Actual: 65 kDa.
Purification:	Protein A purified

Applications

Sample:	Testis (Mouse) Lysate at 40 µg Bone marrow (Mouse) Lysate at 40 µg
Verified Activity:	Primary: Anti-C3IP1 (TMAB-03425) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 63 kD Observed band size: 65 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 C3IP1
Antigen Species:	Human
Gene ID:	59349
Uniprot ID:	Q53G59

Research Background

KLHL12 is a 568 amino acid protein that is a component of an ubiquitin-protein E3 ligase complex, which includes at least CUL-3. KLHL12 is a substrate-specific adapter for the complex, which negatively regulates the Wnt signaling pathway via the targeted ubiquitination and subsequent proteolysis of Dvl-3. KLHL12 contains six Kelch repeats and one BTB (POZ) domain, which is required for interaction with CUL-3. KLHL12 has highest expression in testis, with lower levels found in the submandibular salivary gland. The gene that encodes KLHL12 maps to human chromosome 1q32.1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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