Data Sheet (Cat.No.TMAB-14243)

Anti-zbtb11 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Pig,Cow,Horse,Rabbit,Zebrafish,Sheep)
Molecular Weight:	Theoretical: 119 kDa. Actual: 119 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: Spleen (Mouse) Lysate at 40 µg Primary: Anti-zbtb11 (TMAB-14243) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 119 kD Observed band size: 119 kD 2. Sample: thymus (Mouse) Lysate at 40 µg Primary: Anti-zbtb11 (TMAB-14243) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 119 kD Observed band size: 119 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 zbtb11/ZNF913
Antigen Species:	Human
Gene ID:	27107
Uniprot ID:	O95625

Research Background

The BTB (Broad-Complex, Tramtrack and Bric a brac) domain, also known as the POZ (Poxvirus and Zinc finger) domain, is an N-terminal homodimerization domain that contains multiple copies of kelch repeats and/or C2H2-type zinc fingers. Proteins that contain BTB domains are thought to be involved in transcriptional regulation via control of chromatin structure and function. The Zinc finger and BTB domain-containing protein 11 (ZBTB11) contains 1 BTB (POZ) domain and 12 C2H2-type zinc fingers suggesting a role in transcription regulation. The gene encoding ZBTB11 maps to chromosome 3, which contains over 1,100 genes. Notably, a chemokine receptor gene cluster and a variety of human cancer related loci reside on chromosome 3. Particular regions of the chromosome 3 short arm are deleted in many types of cancer cells as well.

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