

Anti-ZBTB5 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Chicken,Dog,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 74 kDa. Actual: 75 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: MCF-7 (Human) Cell Lysate at 40 µg Primary: Anti-ZBTB5 (TMAB-14250) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 74 kD Observed band size: 75 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 ZBTB5
Antigen Species:	Human
Gene ID:	9925
Uniprot ID:	O15062

Research Background

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. The majority of zinc-finger proteins contain a Krüppel-type DNA binding domain and a KRAB domain, which is thought to interact with KAP1, thereby recruiting histone modifying proteins. Zinc finger and BTB domain-containing protein 5 (ZBTB5) is a 677 amino acid member of the Krüppel C2H2-type zinc-finger protein family. Localized to the nucleus, ZBTB5 contains a BTB domain, also known as a POZ domain, which inhibits DNA binding and mediates homotypic and heterotypic dimerization. Characteristics of the BTB domain suggest that ZBTB5 functions as a transcription regulator.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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