

Anti-ZCCHC24/C10orf56 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Chicken,Pig,Cow,Horse,Rabbit,Zebrafish,Danio)
Molecular Weight:	Theoretical: 27 kDa. Actual: 27 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Hela (human) Cell Lysate at 40 µg Primary: Anti-ZCCHC24/C10orf56 (TMAB-14266) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 27 kD Observed band size: 27 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 ZCCHC24/C10orf56
Antigen Species:	Human
Gene ID:	219654
Uniprot ID:	Q8N2G6

Research Background

ZCCHC24 is a 241 amino acid protein that contains one CCHC-type zinc finger, suggesting a role in transcriptional regulation. The gene encoding ZCCHC24 maps to human chromosome 10, which contains over 800 genes and 135 million nucleotides, making up nearly 4.5% of the human genome. PTEN is an important tumor suppressor gene located on chromosome 10 and, when defective, causes a genetic predisposition to cancer development known as Cowden syndrome. The chromosome 10 encoded gene ERCC6 is important for DNA repair and is linked to Cockayne syndrome which is characterized by extreme photosensitivity and premature aging. Tetrahydrobiopterin deficiency and a number of syndromes involving defective skull and facial bone fusion are also linked to chromosome 10. As with most trisomies, trisomy 10 is rare and is deleterious.

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