

## Anti-Josephin-1 Polyclonal Antibody

## Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Chicken,Dog,Pig,Horse,Cat)
Molecular Weight:	Theoretical: 23 kDa. Actual: 27 kDa.
Purification:	Protein A purified

## Applications

Verified Activity:	Sample: U937 (Human) Cell Lysate at 40 µg Primary: Anti-Josephin-1 (TMAB-07884) 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 JOSD1
Antigen Species:	Human
Gene ID:	9929
Uniprot ID:	Q15040

## Research Background

Josephin-1 is a 202 amino acid protein that contains one josephin domain and is encoded by a gene that maps to human chromosome 22. Chromosome 22 houses over 500 genes and is the second smallest human chromosome. Mutations in several of the genes that map to chromosome 22 are involved in the development of Phelan-McDermid syndrome, Neurofibromatosis type 2, autism and schizophrenia. Additionally, translocations between chromosomes 9 and 22 may lead to the formation of the Philadelphia Chromosome and the subsequent production of the novel fusion protein BCR-Abl, a potent cell proliferation activator found in several types of leukemias.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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