

## Anti-ADAM22 Antibody (51435)

## Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 100 kDa. Actual: 65,37 kDa.
Clone:	51435
Purification:	Protein A purified

## Applications

Sample:	Lane 1: Recombinant human ADAM22 protein
Verified Activity:	Primary: Anti-ADAM22 (TMAB-02289) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution
	Predicted band size: 100 kDa Observed band size: 65,37 kDa
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:	Recombinant Protein: human ADAM22 protein
Antigen Species:	Human
Gene ID:	53616
Uniprot ID:	Q9P0K1

## Research Background

This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. Unlike other members of the ADAM protein family, the protein encoded by this gene lacks metalloprotease activity since it has no zinc-binding motif. This gene is highly expressed in the brain and may function as an integrin ligand in the brain. In mice, it has been shown to be essential for correct myelination in the peripheral nervous system. Alternative splicing results in several transcript variants.[provided by RefSeq, Dec 2010]

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481