



# Anti-Tgfr2 (aa 547-575) polyclonal antibody (CABT-B8975)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	This Mouse Tgfr2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 547-575 amino acids from the C-terminal region of Mouse Tgfr2.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Purification</b>	This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

## BACKGROUND

<b>Introduction</b>	This gene encodes a member of the Ser/Thr protein kinase family and the TGFB receptor subfamily. The encoded protein is a transmembrane protein that has a protein kinase domain,
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forms a heterodimeric complex with another receptor protein, and binds TGF-beta. This receptor/ligand complex phosphorylates proteins, which then enter the nucleus and regulate the transcription of a subset of genes related to cell proliferation. Mutations in this gene have been associated with Marfan Syndrome, Loeys-Deitz Aortic Aneurysm Syndrome, and the development of various types of tumors. Alternatively spliced transcript variants encoding different isoforms have been characterized.

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## GENE INFORMATION

Entrez Gene ID	<a href="#">7048</a>
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UniProt ID	<a href="#">P37173</a>
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