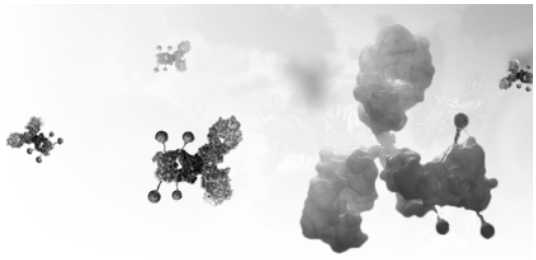

Rabbit Anti-Human ANTXR2 Polyclonal Antibody (CABT-L2170)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Anthrax Toxin Receptor 2 (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against ANTXR2. It has been selected for its ability to recognize ANTXR2 in immunohistochemical staining and western blotting.
Target	ANTXR2
Immunogen	Recombinant fragment corresponding to human ANTXR2 (Gln34~Gly318)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat, Pig
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

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Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	This gene encodes a receptor for anthrax toxin. The protein binds to collagen IV and laminin, suggesting that it may be involved in extracellular matrix adhesion. Mutations in this gene cause juvenile hyaline fibromatosis and infantile systemic hyalinosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]
Keywords	CMG-2;CMG2;ISH;JHF;Capillary Morphogenesis Protein 2

GENE INFORMATION

Gene Name	ANTXR2 anthrax toxin receptor 2 [Homo sapiens (human)]
Official Symbol	ANTXR2
Synonyms	ANTXR2; anthrax toxin receptor 2; HFS; ISH; JHF; CMG2; CMG-2; capillary morphogenesis protein 2; capillary morphogenesis gene 2 protein;
Entrez Gene ID	118429
Protein Refseq	NP_001139266
UniProt ID	P58335
Chromosome Location	4q21.21
Pathway	Cellular roles of Anthrax toxin; Disease; Uptake and actions of bacterial toxins; Uptake and function of anthrax toxins;
Function	metal ion binding; protein binding; receptor activity;

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