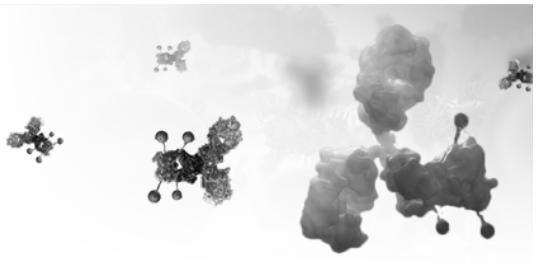

Rabbit Anti-Human ANGPT2 Polyclonal Antibody (CABT-L2012)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Angiopoietin 2 (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against ANGPT2. It has been selected for its ability to recognize ANGPT2 in immunohistochemical staining and western blotting.
Target	ANGPT2
Immunogen	Recombinant fragment corresponding to human ANGPT2 (Lys24~Leu165)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
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	The protein encoded by this gene is an antagonist of angiopoietin 1 (ANGPT1) and endothelial TEK tyrosine kinase (TIE-2, TEK). The encoded protein disrupts the vascular remodeling ability of ANGPT1 and may induce endothelial cell apoptosis. Three transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Keywords	ANG2;AGPT2

GENE INFORMATION

Gene Name	ANGPT2 angiopoietin 2 [Homo sapiens (human)]
Official Symbol	ANGPT2
Synonyms	ANGPT2; angiopoietin 2; ANG2; AGPT2; angiopoietin-2; ANG-2; Tie2-ligand; angiopoietin-2B; angiopoietin-2a;
Entrez Gene ID	285
Protein Refseq	NP_001112359
UniProt ID	O15123
Chromosome Location	8p23.1
Pathway	Angiopoietin receptor Tie2-mediated signaling; Cell surface interactions at the vascular wall; HIF-1 signaling pathway; Hemostasis; PI3K-Akt signaling pathway; Rap1 signaling pathway; Ras signaling pathway; Tie2 Signaling;
Function	metal ion binding; protein binding; receptor binding; receptor tyrosine kinase binding;

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