



Mouse anti-Human ANGPT4 polyclonal antibody (DPAB-DC2161)

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

PRODUCT INFORMATION

Antigen Description	Angiopoietins are proteins with important roles in vascular development and angiogenesis. All angiopoietins bind with similar affinity to an endothelial cell-specific tyrosine-protein kinase receptor. The mechanism by which they contribute to angiogenesis is thought to involve regulation of endothelial cell interactions with supporting perivascular cells. The protein encoded by this gene functions as an agonist and is an angiopoietin.
Immunogen	ANGPT4 (NP_057069, 25 a.a. ~ 111 a.a) partial recombinant protein with GST tag. The sequence is TRQEADRGCETLVVQHGHCSYTFLLPKSEPCPPGPEVSRDSNTLQRESLANPLHLGKLPT QQVKQLEQALQNNTQWLKKLERAIKT
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	ANGPT4 angiopoietin 4 [Homo sapiens (human)]
Official Symbol	ANGPT4
Synonyms	ANGPT4; angiopoietin 4; AGP4; ANG4; ANG-3; angiopoietin-4; ANG-4; angiopoietin-3; dJ824F16.2 (angiopoietin 4);
Entrez Gene ID	51378
Protein Refseq	NP_057069
UniProt ID	Q9Y264
Chromosome Location	20p13
Pathway	Angiopoietin receptor Tie2-mediated signaling; HIF-1 signaling pathway; PI3K-Akt signaling pathway; Rap1 signaling pathway
Function	receptor tyrosine kinase binding; transmembrane receptor protein tyrosine kinase activator activity;