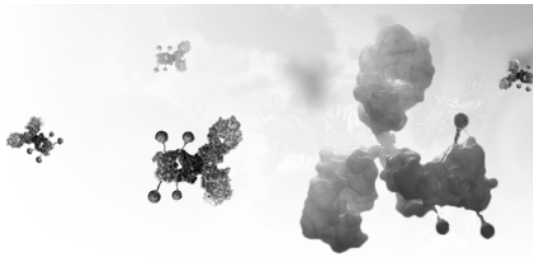

Anti-PROK1 polyclonal antibody [Biotin] (DPABY-653)

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

PRODUCT INFORMATION

Antigen Description	Endocrine gland-derived vascular endothelial growth factor (EG-VEGF), also called prokineticin 1 (PK1), is a member of the prokineticin family of secreted proteins that share a common structural motif containing ten conserved cysteine residues that form five pairs of disulfide bonds.
Specificity	Detects human EG-VEGF/PK1 in ELISAs and Western blots. Insandwich immunoassays, approximately 80% cross-reactivitywith recombinant rat EG-VEGF is observed and 60% cross-reactivitywith recombinant mouse EG-VEGF is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human EG-VEGF/PK1 . Ala20-Phe105 Accession Number P58294
Isotype	IgG
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen Affinity-purified
Conjugate	Biotin
Applications	Western Blot, ELISA Detection (Matched Pair)
Format	Liquid
Size	50 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.
Preservative	None

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Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	PROK1 prokineticin 1 [Homo sapiens (human)]
Official Symbol	PROK1
Synonyms	PROK1; prokineticin 1; PK1; PRK1; EGVEGF; prokineticin-1; EG-VEGF; mambakine; black mamba toxin-related protein; endocrine-gland-derived vascular endothelial growth factor;
Entrez Gene ID	84432
Protein Refseq	NP_115790
UniProt ID	A0A024R0B1
Chromosome Location	1p21
Pathway	Class A/1 (Rhodopsin-like receptors); G alpha (q) signalling events; GPCR downstream signaling; GPCR ligand binding; Gastrin-CREB signalling pathway via PKC and MAPK; Peptide ligand-binding receptors; Signal Transduction; Signaling by GPCR;
Function	growth factor activity;

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