



Anti-Insulin-like Growth Factor-I (aa 104-123) polyclonal antibody (DPAB2576RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit anti-human insulin-like growth factor-I precursor (104-123) polyclonal antibody.
Antigen Description	Insulin-like growth factor 1 (IGF-1) also known as somatomedin C is a protein that in humans is encoded by the IGF1 gene. IGF-1 consists of 70 amino acids in a single chain with three intramolecular disulfide bridges. IGF-1 has a molecular weight of 7649 daltons.
Specificity	As determined by Western Blotting: None of the four antisera recognize IGF-I. Anti-proIGF-I (71-86) recognizes pro-IGF-IA and pro-IGF-IB Anti-proIGF-I (92-105) recognizes only pro-IGF-IA Anti-proIGF-I (104-123) recognizes only pro-IGF-IB
Immunogen	Epitope (amino acids 104-123) from the E domain of proIGF-IB.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB
Reconstitution	Dissolve in 500 µsterile water (a 1/5 dilution). Dilute in a buffer suitable for the desired application.
Format	Lyophilized powder
Size	100 µl
Preservative	None

Storage	At least 12 months at 2-4 °C (lyophilized). After reconstitution, aliquot and store at -20 °C. Avoid freeze-thaw cycles.
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BACKGROUND

Introduction	Insulin-like growth factor 1 (IGF-1) also known as somatomedin C is a protein that in humans is encoded by the IGF1 gene. IGF-1 has also been referred to as a "sulfation factor" and its effects were termed "nonsuppressible insulin-like acti
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Keywords	ProIGF-I; Insulin-like Growth Factor-I Precursor; IGF-IEB; IGF-I; IGF1; IGFI; Insulin-like Growth Factor-I
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GENE INFORMATION

Entrez Gene ID	3479
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UniProt ID	P05019
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