



Anti-Insulin-like Growth Factor-I polyclonal antibody (DPAB2555)

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

PRODUCT INFORMATION

Product Overview	Rabbit anti-Barramundi (Lates calcarifer) Insulin-like Growth Factor-I polyclonal antibody is a polyclonal antiserum raised against recombinant barramundi IGF-I. This antiserum has been used for radioimmunoassay, and is suitable for immunohistochemistry a
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	The antiserum displays less than 0.5% cross-reactivity with recombinant human IGF-I and less than 1% cross-reactivity with recombinant human IGF-II. It has 100 % cross-reactivity with bream, salmon, trout, tilapia and tuna IGF-I.
Immunogen	The antiserum was obtained from a rabbit immunised with recombinant barramundi IGF-I.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Fish
Conjugate	Unconjugated
Applications	RIA
Reconstitution	Dissolve in a suitable buffer solution appropriate for the desired application.
Format	White powder
Size	5 ml
Preservative	None

Storage	At least 2 years at 2-4°C (lyophilised). After reconstitution, aliquot and store at -20°C. Avoid repeated freezing and thawing.
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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	IGF1; IGF-I; IGF1A; IGF1; insulin-like growth factor 1; MGF; IGF-1A; IGF-1B; somatomedin-C; mechano growth factor; insulin-like growth factor I; insulin-like growth factor 1A; insulin-like growth factor 1B
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GENE INFORMATION

Entrez Gene ID	3479
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UniProt ID	P05019
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