



Anti-IGF2R (aa 121-220) polyclonal antibody (DPAB-DC1680)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a receptor for both insulin-like growth factor 2 and mannose 6-phosphate, although the binding sites for either are located on different segments of the receptor. This receptor functions in the intracellular trafficking of lysosomal enzymes, the activation of transforming growth factor beta, and the degradation of insulin-like growth factor 2. While the related mouse gene shows exclusive expression from the maternal allele, imprinting of the human gene appears to be polymorphic, with only a minority of individuals showing expression from the maternal allele.
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Immunogen	IGF2R (NP_000867, 121 a.a. ~ 220 a.a) partial recombinant protein with GST tag. The sequence is GTNHRVQSSIAFLCGKTLGTPEFVTATECVHYFEWRTTAACKKDIFKANKEVPCYVFDEE LRKHDLNPLIKLSGAYLVDDSDPDTSLFINVCRDIDTLRD
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Source/Host	Mouse
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Species Reactivity	Human
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Conjugate	Unconjugated
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Applications	ELISA,
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Size	50 µl
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Buffer	50 % glycerol
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Preservative	None
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Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
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GENE INFORMATION

Gene Name	IGF2R insulin-like growth factor 2 receptor [Homo sapiens (human)]
Official Symbol	IGF2R
Synonyms	IGF2R; insulin-like growth factor 2 receptor; MPR1; MPRI; CD222; CIMPR; M6P-R; cation-independent mannose-6-phosphate receptor; M6PR; CI-MPR; MPR 300; M6P/IGF2R; IGF-II receptor; M6P/IGF2 receptor; CI Man-6-P receptor; 300 kDa mannose 6-phosphate receptor; insulin-like growth factor II receptor; cation-independent mannose-6 phosphate receptor;
Entrez Gene ID	3482
Protein Refseq	NP_000867
UniProt ID	P11717
Chromosome Location	6q26
Pathway	Clathrin derived vesicle budding; Lysosome; Membrane Trafficking;
Function	G-protein alpha-subunit binding; G-protein coupled receptor activity; enzyme binding; glycoprotein binding