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35-1628: Polyclonal Antibody to IGF-1R (Ab-1280)

Clonality: Polyclonal Application: WB,IHC Reactivity: Human, Mouse

Gene: IGF1R Gene ID: 3480 **Uniprot ID:** P08069

Purified **Alternative Name:** Insulin-like growth factor I receptor

Rabbit IgG Isotype:

Immunogen Information: Peptide sequence around aa. 1278~1282 (S-F-Y-Y-S) derived from Human IGF-1R.

Description

Format:

This receptor binds insulin-like growth factor 1 (IGF1) with a high affinity and IGF2 with a lower affinity. It has a tyrosineprotein kinase activity, which is necessary for the activation of the IGF1-stimulated downstream signaling cascade. When present in a hybrid receptor with INSR, binds IGF1.

Product Info

Amount: $50 \mu l / 100 \mu l$

Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM Content:

NaCl, 0.02% sodium azide and 50% glycerol.

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid Storage condition:

repeated freeze and thaw cycles.

Application Note

Predicted MW: 200 95 kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

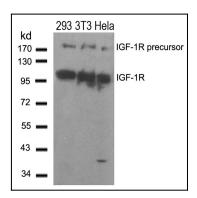


Figure 1: Western blot analysis of extracts from 293,3T3 and Hela cells using IGF-1R(Ab-1280) Antibody 35-1628.



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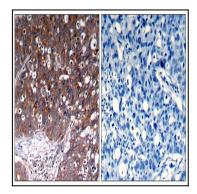


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using IGF-1R(Ab-1280) Antibody 35-1628 (left) or the same antibody preincubated with blocking peptide(right).