

# IGF2R (Phospho-Ser2409) Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP52445

## Product Information

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<b>Application</b>	WB, IHC
<b>Primary Accession</b>	<a href="#">P11717</a>
<b>Reactivity</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal

## Additional Information

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<b>Other Names</b>	Cation-independent mannose-6-phosphate receptor, CI Man-6-P receptor, CI-MPR, M6PR, 300 kDa mannose 6-phosphate receptor, MPR 300, Insulin-like growth factor 2 receptor, Insulin-like growth factor II receptor, IGF-II receptor, M6P/IGF2 receptor, M6P/IGF2R, CD222, IGF2R, MPRI
<b>Dilution</b>	WB~~1:1000 IHC~~1:50~100
<b>Format</b>	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
<b>Storage Conditions</b>	-20°C

## Protein Information

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### Background

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Transport of phosphorylated lysosomal enzymes from the Golgi complex and the cell surface to lysosomes. Lysosomal enzymes bearing phosphomannosyl residues bind specifically to mannose-6- phosphate receptors in the Golgi apparatus and the resulting receptor-ligand complex is transported to an acidic prelysosomal compartment where the low pH mediates the dissociation of the complex. This receptor also binds IGF2. Acts as a positive regulator of T-cell coactivation, by binding DPP4.

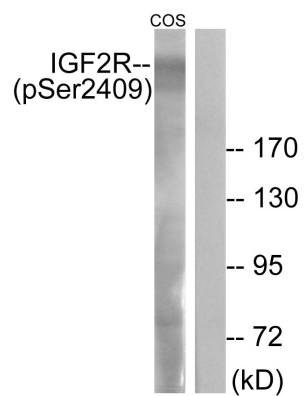
### References

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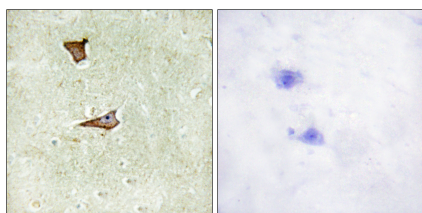
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## Images

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Western blot analysis of extracts from COS-7 cells, treated with UV (15mins), using IGF2R (Phospho-Ser2409) antibody.



Immunohistochemistry analysis of paraffin-embedded human brain tissue using IGF2R (Phospho-Ser2409) antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.