

**GFR $\alpha$ -4 rabbit pAb****Cat#: orb770023 (Manual)**

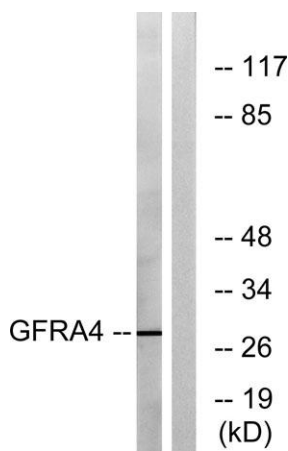
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<b>Product Name</b>	GFR $\alpha$ -4 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GFRA4. AA range:141-190
<b>Specificity</b>	GFR $\alpha$ -4 Polyclonal Antibody detects endogenous levels of GFR $\alpha$ -4 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	GDNF family receptor alpha-4
<b>Gene Name</b>	GFRA4
<b>Cellular localization</b>	[Isoform GFRalpha4a]: Cell membrane; Lipid-anchor, GPI-anchor.; [Isoform GFRalpha4b]: Cell membrane; Lipid-anchor, GPI-anchor.; [Isoform GFRalpha4c]: Secreted.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	30kD
<b>Human Gene ID</b>	64096
<b>Human Swiss-Prot Number</b>	Q9GZZ7
<b>Alternative Names</b>	GFRA4; GDNF family receptor alpha-4; GDNF receptor alpha-4; GDNFR-alpha-4; GFR-alpha-4; Persephin receptor

## Background

The protein encoded by this gene is a member of the GDNF receptor family. It is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor for persephin, and mediates activation of the RET tyrosine kinase receptor. This gene is a candidate gene for RET-associated diseases. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2008],



Western blot analysis of lysates from HeLa cells, using GFRA4 Antibody. The lane on the right is blocked with the synthesized peptide.