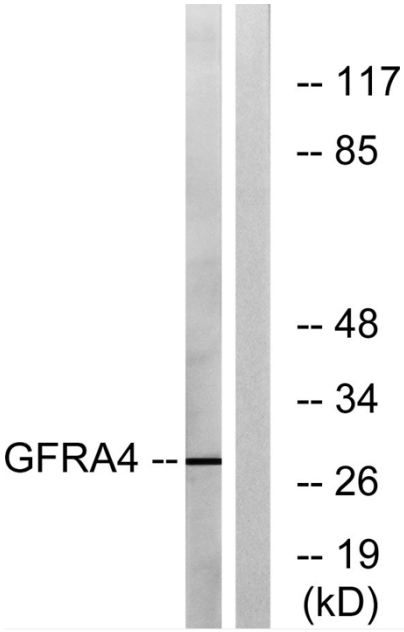
GFRα-4 Polyclonal Antibody

Catalog No	BYab-28872
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	GFRA4
Protein Name	GDNF family receptor alpha-4
Immunogen	The antiserum was produced against synthesized peptide derived from human GFRA4. AA range:141-190
Specificity	GFRα-4 Polyclonal Antibody detects endogenous levels of GFRα-4 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	GFRA4; GDNF family receptor alpha-4; GDNF receptor alpha-4; GDNFR-alpha-4; GFR-alpha-4; Persephin receptor
Observed Band	30kD
Cell Pathway	[Isoform GFRalpha4a]: Cell membrane; Lipid-anchor, GPI-anchor.; [Isoform GFRalpha4b]: Cell membrane; Lipid-anchor, GPI-anchor.; [Isoform GFRalpha4c]: Secreted.
Tissue Specificity	Predominantly expressed in the adult thyroid gland. Low levels also found in fetal adrenal and thyroid glands.
Function	alternative products:Additional isoforms seem to exist,function:Receptor for persephin. Mediates the GDNF-induced autophosphorylation and activation of the RET receptor. May be important in C-cell development and, in the postnatal development of the adrenal medulla.,similarity:Belongs to the GDNFR family.,tissue specificity:Predominantly expressed in the adult thyroid gland. Low levels also found in fetal adrenal and thyroid glands.,
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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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