PKR2 Rabbit pAb

CatalogNo: YN2683 Orthogonal Validated

Key Features

Host Species
- Rabbit

Reactivity
- Human,Rat,Mouse

Applications
- WB,ELISA

MW
- 42kD (Observed)

Isotype
- IgG

Recommended Dilution Ratios

WB 1:500-2000
ELISA 1:5000-20000

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol,0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human protein . at AA range: 20-100
Specificity	PKR2 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name	PROKR2 GPR73L1 PKR2

Protein Name Prokineticin receptor 2 (PK-R2) (G-protein coupled receptor 73-like 1) (GPR73b) (GPRg2)

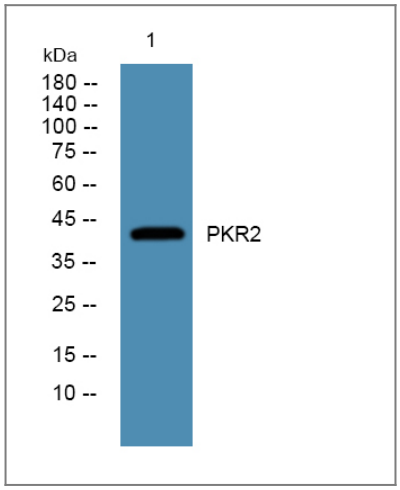
Organism	Gene ID	UniProt ID
Human	128674;	Q8NFJ6;
Mouse		Q8K458;
Rat		Q8R415;

Cellular Localization Cell membrane ; Multi-pass membrane protein.

Tissue specificity Expressed in the ileocecum, thyroid gland, pituitary gland, salivary gland, adrenal gland, testis, ovary and brain.

Function Disease:Defects in PROKR2 are the cause of Kallmann syndrome type 3 (KAL3) [MIM:244200]; also known as hypogonadotropic hypogonadism and anosmia. Anosmia or hyposmia is related to the absence or hypoplasia of the olfactory bulbs and tracts. Hypogonadism is due to deficiency in gonadotropin-releasing hormone and probably results from a failure of embryonic migration of gonadotropin-releasing hormone-synthesizing neurons. KAL3 patients have variable degrees of olfactory and reproductive dysfunction, but do not show any of the occasional clinical anomalies reported in Kallmann syndrome such as renal agenesis, cleft lip and/or palate, selective tooth agenesis, and bimanual synkinesis.,Function:Receptor for prokineticin 2. Exclusively coupled to the G(q) subclass of heteromeric G proteins. Activation leads to mobilization of calcium, stimulation of phosphoinositide turnover and activation of p44/p42 mitogen-activated protein kinase.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed in the ileocecum, thyroid gland, pituitary gland, salivary gland, adrenal gland, testis, ovary and brain.,

Validation Data



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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