

Relaxin Receptor 3 Rabbit pAb

CatalogNo: YT4043

| Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC

MW

- 51kD (Observed)

Isotype

- IgG

| Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-300

| 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

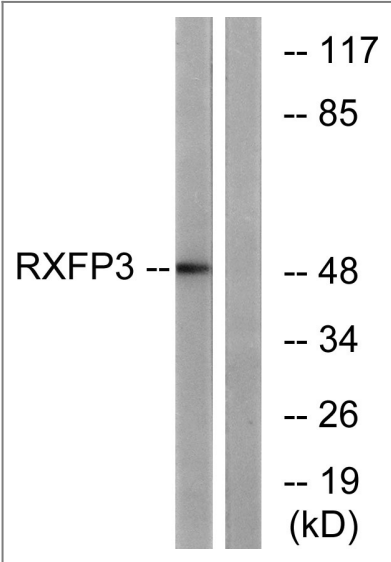
Immunogen The antiserum was produced against synthesized peptide derived from human RXFP3. AA range: 161-210

Specificity Relaxin Receptor 3 Polyclonal Antibody detects endogenous levels of Relaxin Receptor 3 protein.

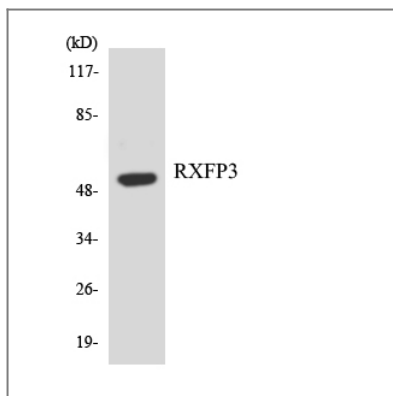
| Target Information

Gene name	RXFP3		
Protein Name	Relaxin-3 receptor 1		
	Organism	Gene ID	UniProt ID
	Human	51289 ;	Q9NSD7 ;
	Mouse	239336 ;	Q8BGE9 ;
Cellular Localization	Cell membrane; Multi-pass membrane protein.		
Tissue specificity	Expressed predominantly in brain regions. Highest expression in substantia nigra and pituitary, followed by hippocampus, spinal cord, amygdala, caudate nucleus and corpus callosum, quite low level in cerebellum. In peripheral tissues, relatively high levels in adrenal glands, low levels in pancreas, salivary gland, placenta, mammary gland and testis.		
Function	Function:Receptor for relaxin-3. Binding of the ligand inhibit cAMP accumulation.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed predominantly in brain regions. Highest expression in substantia nigra and pituitary, followed by hippocampus, spinal cord, amygdala, caudate nucleus and corpus callosum, quite low level in cerebellum. In peripheral tissues, relatively high levels in adrenal glands, low levels in pancreas, salivary gland, placenta, mammary gland and testis.,		

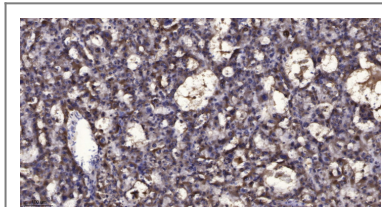
Validation Data



Western blot analysis of lysates from K562 cells, using RXFP3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from Jurkat cells using RXFP3 antibody.



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

Contact information

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Relaxin Receptor 3
Rabbit pAb

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