

Relaxin Receptor 3 Polyclonal Antibody

Catalog No :	YT4043
Reactivity :	Human;Mouse;Rat
Applications :	WB;IHC
Target :	Relaxin Receptor 3
Fields :	>>Neuroactive ligand-receptor interaction;>>Relaxin signaling pathway
Gene Name :	RXFP3
Protein Name :	Relaxin-3 receptor 1
Human Gene Id :	51289
Human Swiss Prot No :	Q9NSD7
Mouse Gene Id :	239336
Mouse Swiss Prot No :	Q8BGE9
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.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 51kD

Background : 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.,

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Subcellular Location : Cell membrane; Multi-pass membrane protein.

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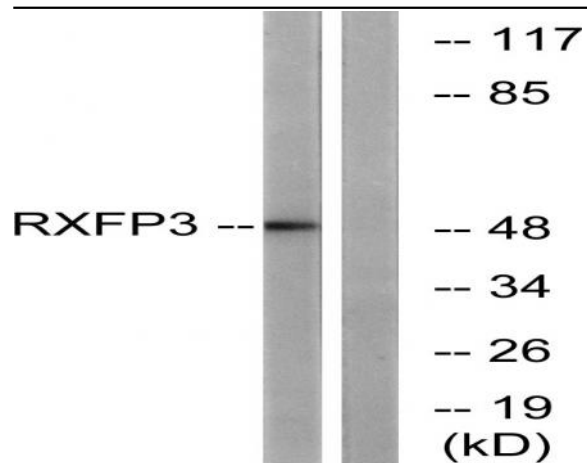
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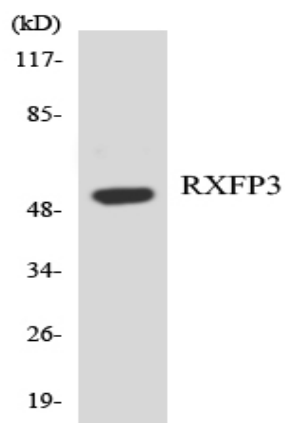
Host : Rabbit

Modifications : Unmodified

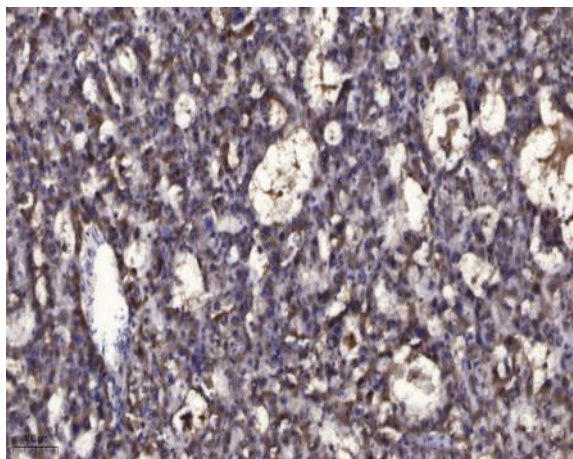
Products Images



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).