

Relaxin Receptor 3 rabbit pAb

Cat No.:ES6513

For research use only

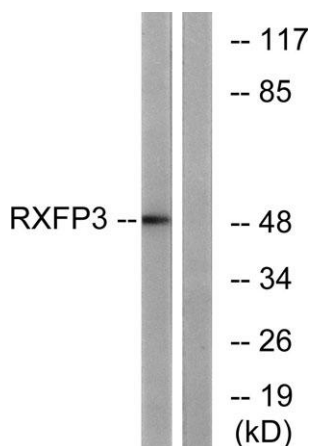
Overview

Product Name	Relaxin Receptor 3 rabbit pAb
Host species	Rabbit
Applications	WB;IHC
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300
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.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Relaxin-3 receptor 1
Gene Name	RXFP3
Cellular localization	Cell membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	51kD
Human Gene ID	51289
Human Swiss-Prot Number	Q9NSD7
Alternative Names	RXFP3; RLN3R1; SALPR; Relaxin-3 receptor 1; RLN3 receptor 1; G protein-coupled receptor SALPR; G-protein coupled receptor GPCR135; Relaxin family peptide receptor 3; Somatostatin- and angiotensin-like peptide receptor 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.
Background	

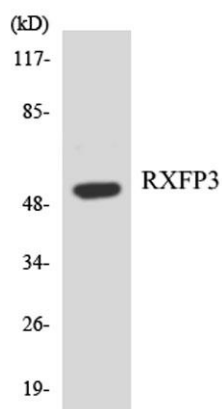




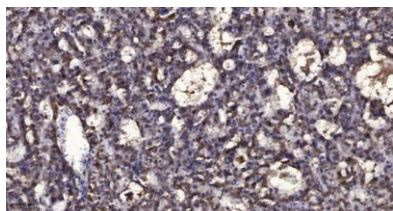
Highest expression in substantia nigra and pituitary, followed by hippocampus, spinal cord, amygdala, caudate nucleus and corpus callosum, quite low level in cerebellum. In peripheral tissues, relatively high levels in adrenal glands, low levels in pancreas, salivary gland, placenta, mammary gland and testis.,



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).

