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anti-Recoverin antibody (AA 169-200)

3 Images



Go to Product page

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Quantity:	0.4 mL
Target:	Recoverin (RCVRN)
Binding Specificity:	AA 169-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Recoverin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)
Product Details	
Immunogen:	A portion of amino acids 169-200 from the human protein was used as the immunogen for this
	Recoverin antibody.
Isotype:	lg Fraction
Purification:	Purified
Purification: Target Details	Purified
	Purified Recoverin (RCVRN)
Target Details	
Target Details Target:	Recoverin (RCVRN)
Target Details Target: Alternative Name:	Recoverin (RCVRN) Recoverin (RCVRN Products)

binding EF-hand domains, and an N-terminal myristoylation sequence. This family of proteins has been implicated in a broad range of cellular signaling functions, including phototransduction and neurotransmitter release, lipid metabolism, gene expression, and ion channel regulation. Myristoylation, the post-translational addition of a fatty acid tail, has been shown to have functional significance for other calcium-binding protein family members. Recoverin is subject to the posttranslational modification of myristoylation. Binding of calcium to recoverin elicits a change in conformation that exposes the buried hydrophobic myristoyl moiety to interaction with cell membranes and other cellular proteins.

UniProt:

P35243

Pathways:

Regulation of G-Protein Coupled Receptor Protein Signaling, Phototransduction

Application Details

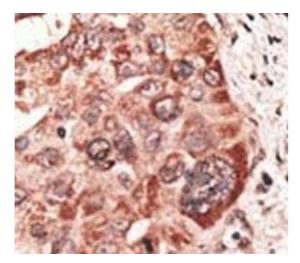
Application Notes:	Titration of the Recoverin antibody may be required due to differences in protocols and
	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:50-1:100

Restrictions:

For Research Use only

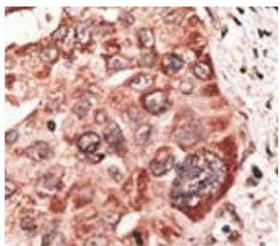
Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the Recoverin antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Immunohistochemistry

Image 1. IHC analysis of FFPE human hepatocarcinoma tissue stained with the Recoverin antibody



Immunohistochemistry

Image 2. IHC analysis of FFPE human hepatocarcinoma tissue stained with the Recoverin antibody



Western Blotting

Image 3. Recoverin antibody used in western blot to detect Recoverin in Y79 cell lysate