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# anti-Calcitonin Receptor antibody (N-Term)

**Images** 



Publication



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Quantity:	100 μL	
Target:	Calcitonin Receptor (CALCR)	
Binding Specificity:	N-Term	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This Calcitonin Receptor antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)	

#### **Product Details**

Immunogen:	A synthesized peptide derived from human CALCR, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	CALCR Antibody detects endogenous levels of total CALCR.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Rabbit,Dog,Chicken,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).

# **Target Details**

Target: Calcitonin Receptor (CALCR)

# **Target Details**

Alternative Name:	CALCR (CALCR Products)	
Background:	Description: This is a receptor for calcitonin. The activity of this receptor is mediated by proteins which activate adenylyl cyclase. The calcitonin receptor is thought to couple to heterotrimeric guanosine triphosphate-binding protein that is sensitive to cholera toxin. Gene: CALCR	
Molecular Weight:	59 kDa	
Gene ID:	799	
UniProt:	P30988	
Pathways:	cAMP Metabolic Process	

# **Application Details**

Application Notes:	WB 1:1000-3000, IHC 1:200, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000	
Restrictions:	For Research Use only	

#### Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 $\%$ sodium azide and 50 $\%$ glycerol.
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:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

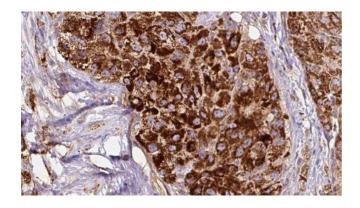
#### **Publications**

Product cited in:

Yang, Yan, Feng: "Surfactant protein A is expressed in the central nervous system of rats with experimental autoimmune encephalomyelitis, and suppresses inflammation in human astrocytes and microglia." in: **Molecular medicine reports**, Vol. 15, Issue 6, pp. 3555-3565, (

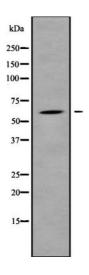
2018) (PubMed).

#### **Images**



#### **Immunohistochemistry**

**Image 1.** ABIN6272677 at 1/100 staining Human liver cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



#### **Western Blotting**

**Image 2.** Western blot analysis of CALCR using HT-29 whole cell lysates