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## anti-ACCN4 antibody (AA 451-550)





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Quantity:	100 μL
Target:	ACCN4
Binding Specificity:	AA 451-550
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACCN4 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffinembedded Sections) (IF (p)), Immunohistochemistry (Paraffinembedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunocytochemistry (ICC)

#### **Product Details**

Immunogen:	KLH conjugated synthetic peptide derived from human ACCN4/ASIC4
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse
Purification:	Purified by Protein A.

### **Target Details**

Target:	ACCN4
Alternative Name:	ACCN4 (ACCN4 Products)

#### **Target Details**

#### Background:

Synonyms: Accn4, ACCN4\_HUMAN, Acid sensing proton gated ion channel family member 4, Acid sensing ion channel 4, Acid-sensing ion channel 4, Amiloride sensitive cation channel 4, Amiloride sensitive cation channel 4 pituitary, Amiloride sensitive cation channel family member 4 pituitary, Amiloride-sensitive cation channel 4, Amiloride-sensitive cation channel 4, ASIC4, BNAC4, Brain sodium channel 4, pituitary.

Background: This gene belongs to the superfamily of acid-sensing ion channels, which are proton-gated, amiloride-sensitive sodium channels. These channels have been implicated in synaptic transmission, pain perception as well as mechanoperception. This gene is predominantly expressed in the pituitary gland, and was considered a candidate for paroxysmal dystonic choreoathetosis (PDC), a movement disorder, however, no correlation was found between mutations in this gene and PDC. [provided by RefSeq, Feb 2012].

#### **Application Details**

Application Notes:	ELISA 1:500-1000

IHC-P 1:200-400

IHC-F 1:100-500

IF(IHC-P) 1:50-200

IF(IHC-F) 1:50-200

IF(ICC) 1:50-200

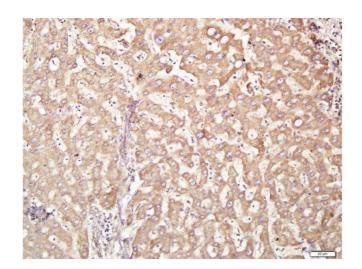
ICC 1:100-500

Restrictions:

For Research Use only

#### Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Paraformaldehyde-fixed, paraffin embedded human hepatocellular carcimona tissue, Antigen retrieval by boiling in sodium citrate buffer(pH6) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes, Blocking buffer (normal goat serum) at 37°C for 20min, Antibody incubation with Rabbit Anti-ACCN4 Polyclonal Antibody, Unconjugated at 1:300 overnight at 4°C, followed by a conjugated secondary and DAB staining