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anti-CATSPER4 antibody (AA 306-472)

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Images



Go to Product page

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Quantity:	100 μg
Target:	CATSPER4
Binding Specificity:	AA 306-472
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CATSPER4 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Cation channel sperm-associated protein 4 protein (306-472AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CATSPER4
Alternative Name:	CATSPER4 (CATSPER4 Products)
Background:	Background: Voltage-gated calcium channel that plays a central role in calcium-dependent
	physiological responses essential for successful fertilization, such as sperm hyperactivation,

Target Details

acrosome reaction and chemotaxis towards the oocyte. Activated by extracellular progesterone and prostaglandins following the sequence: progesterone > PGF1-alpha = PGE1 > PGA1 > PGE2 >> PGD2. The primary effect of progesterone activation is to shift voltage dependence towards more physiological, negative membrane potentials, it is not mediated by metabotropic receptors and second messengers. Sperm capacitation enhances the effect of progesterone by providing additional negative shift. Also activated by the elevation of intracellular pH. Aliases: CATSPER4Cation channel sperm-associated protein 4 antibody, CatSper4 antibody

UniProt:

Buffer:

Q7RTX7

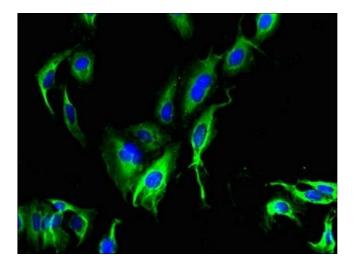
Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Preservative: 0.03 % Proclin 300

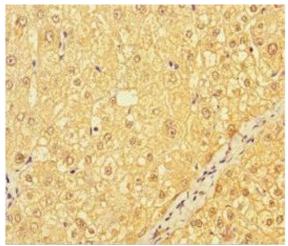
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4 Preservative: ProClin Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. -20 °C,-80 °C Storage:

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



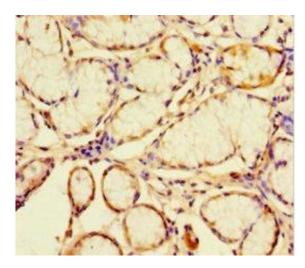
Immunofluorescence

Image 1. Immunofluorescent analysis of Hela cells using ABIN7147035 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human liver cancer using ABIN7147035 at dilution of 1:100



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human gastric cancer using ABIN7147035 at dilution of 1:100