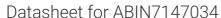
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anti-CATSPER2 antibody (AA 5-112) (HRP)



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Quantity:	100 μg
Target:	CATSPER2
Binding Specificity:	AA 5-112
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CATSPER2 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Cation channel sperm-associated protein 2 protein (5-112AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	CATSPER2	
Alternative Name:	CATSPER2 (CATSPER2 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: CATSPER2 antibody, Cation channel sperm-associated protein 2 antibody, CatSper2 antibody

UniProt:

Q96P56

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	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.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	