



Anti-CATSPER3 (aa 299-398) polyclonal antibody (DPAB-DC1677)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	CATSPER3 (cation channel, sperm associated 3) is a protein-coding gene. Among its related super-pathways are Interaction With The Zona Pellucida. GO annotations related to this gene include calcium activated cation channel activity and calcium channel activity. An important paralog of this gene is CATSPER2.
Immunogen	CATSPER3 (NP_821138, 299 a.a. ~ 398 a.a) partial recombinant protein with GST tag. The sequence is QRQQEEISRLMHIQKNADCTSFSELVENFKTLSHTDPMVLDDFGTSLPFIDYFSTLDY QDTTVHKLQELYYEIVHVLSMLEDLPQEKPQSLEKVDEK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	CATSPER3 cation channel, sperm associated 3 [Homo sapiens (human)]
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Official Symbol	CATSPER3
Synonyms	CATSPER3; cation channel, sperm associated 3; CACRC; cation channel sperm-associated protein 3; ca(v)-like protein; putative ion channel CatSper3; calcium channel repeat containing 1; one-repeat calcium channel-like protein;
Entrez Gene ID	347732
Protein Refseq	NP_821138
UniProt ID	Q86XQ3
Chromosome Location	5q31.1
Pathway	Fertilization; Sperm Motility And Taxes.
Function	calcium activated cation channel activity; voltage-gated calcium channel activity;
