



# Anti-TRPC5 (C-terminal) polyclonal antibody (DPAB-DC961)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	TRPC5 (transient receptor potential cation channel, subfamily C, member 5) is a protein-coding gene. Diseases associated with TRPC5 include hypertrophic pyloric stenosis, and pyloric stenosis, and among its related super-pathways are Axon guidance and GPCR Pathway. GO annotations related to this gene include calcium channel activity and inositol 1,4,5 trisphosphate binding. An important paralog of this gene is TRPC4.
<b>Immunogen</b>	A synthetic peptide corresponding to C-terminus of mouse Trpc5.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Bovine, Mouse
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, ELISA,
<b>Format</b>	Liquid
<b>Size</b>	25 µg
<b>Buffer</b>	In PBS (0.1% proclin, 2% Block Ace)
<b>Preservative</b>	None
<b>Storage</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Trpc5 transient receptor potential cation channel, subfamily C, member 5 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	TRPC5
<b>Synonyms</b>	TRPC5; transient receptor potential cation channel, subfamily C, member 5; CCE2; TRP5; TRP-5; Trp5; short transient receptor potential channel 5; mtrp5; trp-related protein 5; transient receptor protein 5; capacitative calcium entry channel 2; vtransient receptor potential cation channel, subfamily C, member 5;
<b>Entrez Gene ID</b>	<a href="#">22067</a>
<b>Protein Refseq</b>	<a href="#">NP_033454</a>
<b>UniProt ID</b>	<a href="#">Q2KHN9</a>
<b>Chromosome Location</b>	X F2; X 65.49 cM
<b>Pathway</b>	Axon guidance; Ion channel transport; Role of second messengers in netrin-1 signaling; TRP channels
<b>Function</b>	calcium channel activity; inositol 1,4,5 trisphosphate binding; ion channel activity; protein binding