



# Anti-TRPC3 (C-terminal) polyclonal antibody (DPAB-DC959)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	TRPC3 (transient receptor potential cation channel, subfamily C, member 3) is a protein-coding gene. Diseases associated with TRPC3 include malignant hypertension, and scheuermann's disease, and among its related super-pathways are Signaling by GPCR and Gastrin-CREB signalling pathway via PKC and MAPK. 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 Trpc3.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	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="#">Trpc3 transient receptor potential cation channel, subfamily C, member 3 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	TRPC3
<b>Synonyms</b>	TRPC3; transient receptor potential cation channel, subfamily C, member 3; Mwk; Trp3; Trcp3; Trrp3; short transient receptor potential channel 3; TRP-3; mTrp3; trp-related protein 3; transient receptor protein 3; receptor-activated cation channel TRP3;
<b>Entrez Gene ID</b>	<a href="#">22065</a>
<b>Protein Refseq</b>	<a href="#">NP_062383</a>
<b>UniProt ID</b>	<a href="#">B1ATV3</a>
<b>Chromosome Location</b>	3 B; 3 17.93 cM
<b>Pathway</b>	Axon guidance; Effects of PIP2 hydrolysis; G alpha (q) signalling events; Gastrin-CREB signalling pathway via PKC and MAPK
<b>Function</b>	calcium activated cation channel activity; calcium channel activity; inositol 1,4,5 trisphosphate binding; ion channel activity