



Anti-TRPV5 (aa 1-100) polyclonal antibody (DPAB-DC2510)

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

PRODUCT INFORMATION

Antigen Description	This gene is a member of the transient receptor family and the TrpV subfamily. The calcium-selective channel encoded by this gene has 6 transmembrane-spanning domains, multiple potential phosphorylation sites, an N-linked glycosylation site, and 5 ANK repeats. This protein forms homotetramers or heterotetramers and is activated by a low internal calcium level.
Immunogen	TRPV5 (NP_062815, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. The sequence is MGGFLPKAEGPGSQLQKLLPSFLVREQDWDQHLDKLHMLQQKRILESPLLRASKENDLSV LRQLLLDCTCDVRQRGALGETALHIAALYDNLEAALVLME
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 [TRPV5 transient receptor potential cation channel, subfamily V, member 5 \[Homo sapiens](#)

[\(human\)\]](#)

Official Symbol	TRPV5
Synonyms	TRPV5; transient receptor potential cation channel, subfamily V, member 5; CAT2; ECAC1; OTRPC3; transient receptor potential cation channel subfamily V member 5; ECaC; calcium transporter 2; osm-9-like TRP channel 3; calcium transport protein 2; epithelial calcium channel 1;
Entrez Gene ID	56302
Protein Refseq	NP_062815
Chromosome Location	7q35
Pathway	Endocrine and other factor-regulated calcium reabsorption; Ion channel transport; Stimuli-sensing channels; Transmembrane transport of small molecules.
Function	calcium channel activity; calmodulin binding; protein binding;