



Guinea pig anti-Rat Transient Receptor Potential Cation Channel Polyclonal antibody (DPAB2773GR)

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

PRODUCT INFORMATION

Product Overview	Guinea Pig polyclonal to rat transient receptor potential cation channel, subfamily V, member 1.
Antigen Description	Ion channel that demonstrates heat-evoked membrane currents.
Immunogen	YTGSLKPEDAEVFKDSMVPGEK Corresponding to residues of the carboxy-terminus of rat VR1
Source/Host	Guinea pig
Species Reactivity	Rat
Conjugate	Unconjugated
Applications	IHC
Format	Whole Serum (with 0.5% sodium azide) Sent in liquid form
Size	50 µl
Preservative	None
Storage	Store frozen. Aliquot as undiluted serum and immediately place at -20° C. Serum may have become trapped in top of vial during shipping. Centrifugation of vial is recommended before opening. Stable for at least 6 months at -20° C. Repeated freeze/thaw cycl

GENE INFORMATION

Gene Name	Trpv1 transient receptor potential cation channel, subfamily V, member 1 [Rattus norvegicus]
Synonyms	Trpv1; transient receptor potential cation channel, subfamily V, member 1; Vr1; Vr1l1; VR.5"sv; transient receptor potential cation channel subfamily V member 1; OTRPC1; capsaicin receptor; vanilloid receptor 1; osm-9-like TRP channel 1; vanilloid type 1 receptor; vanilloid receptor type 1 like protein 1; vanilloid receptor subtype 1; vanilloid receptor type 1-like
Entrez Gene ID	83810
Protein Refseq	NP_114188
UniProt ID	O35433
Chromosome Location	10q24
Pathway	Neuroactive ligand-receptor interaction
Function	ATP binding; calcium activated cation channel activity; calcium channel activity; calcium-dependent protein kinase C activity; calmodulin binding; cation channel activity; cation transmembrane transporter activity; chloride channel regulator activity; ion channel activity; nucleotide binding; protein binding