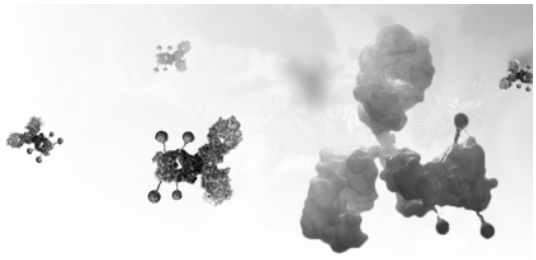

Rabbit anti-Rat Capsaicin Receptor Polyclonal antibody (DPAB2415RR)

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

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Capsaicin Receptor
Antigen Description	The transient receptor potential cation channel subfamily V member 1 (TrpV1), also known as the capsaicin receptor and the vanilloid receptor 1, is a protein that, in humans, is encoded by the TRPV1 gene. It was the first isolated member of the transient receptor potential vanilloid receptor proteins which in turn are a sub family of the transient receptor potential protein group. This protein is a member of the TRPV group of transient receptor potential family of ion channels.
Specificity	Useful for studying sensory afferent neurons. Absorption with 10-100 µg immunogen per mL diluted antiserum abolishes staining.
Immunogen	Synthetic peptide from the C-terminus of the capsaicin receptor, conjugated to BSA
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat
Conjugate	Unconjugated
Applications	IHC-Fr
Positive Control	Frozen sections of rat spinal cord
Format	Undiluted rabbit serum (lyoph.)
Size	250 µl
Buffer	Dissolve lyophilized antiserum in 50-100 µL dist. water.

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Preservative	None
Storage	At 2-8℃; reconstituted in small aliquots at-20℃.

GENE INFORMATION

Gene Name	Trpv1 transient receptor potential cation channel, subfamily V, member 1 [Rattus norvegicus]
Official Symbol	Trpv1
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 subtype 1; vanilloid receptor type 1 like protein 1
Entrez Gene ID	83810
Protein Refseq	NP_114188
UniProt ID	O35433
Chromosome Location	10q24
Pathway	Neuroactive ligand-receptor interaction
Function	ATP binding; calcium channel activity; calmodulin binding; cation channel activity; cation transmembrane transporter activity; chloride channel regulator activity; ion channel activity; nucleotide binding; protein binding

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