OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for EUD551

TAC1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC
Recommended Dilution:	**Immunofluorescence:** 1/200-1/400 (IF Microscopy using FITC with overnight incubation at 2-8°C). **Immunohistochemistry on Paraffin Embedded and Frozen tissues:** 1/400-1/800 (using PAP). *Positive Control:* Formalin-fixed paraffin sections of Rat colon.
Reactivity:	Fish, Human, Porcine, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Substance K / Neurokinin A (Peninsula) conjugated to BSA
Specificity:	This antibody reacts with Substance K / Neurokinin A. Absoprtion with 10-100 µg Substance K per ml diluted antiserum abolishes the staining, while Substance P does not.
Formulation:	State: Serum State: Lyophilized undiluted Serum.
Reconstitution Method:	Dissolve the antiserum in 50-100 µl distilled water, and dilute further in 0.1M PBS with 1% BSA and 0.09% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	tachykinin precursor 1
Database Link:	Entrez Gene 24806 RatEntrez Gene 6863 Human P20366

View online »

Background: Neurokinin A/Substance K represents a member of the tachykinin family of peptides. Neurokinin A, which arises by cleavage of the substance P precursor, occurs in neurons in the central and peripheral nervous systems, and is particularly numerous in the gastrointestinal tract. The biological actions of neurokinin A are similar to those of substance P, and include vasodilation and stimulation of smooth muscle contraction.

Synonyms: TAC1, NKA, NKNA, TAC2, Protachykinin-1, Substance K, Neuromedin L

Protein Families: Druggable Genome, Secreted Protein