



TKN1 Polyclonal Antibody

Catalog No	YP-Ab-07264
Isotype	IgG
Reactivity	Human;Rat;Mouse
Applications	WB;ELISA
Gene Name	TAC1 NKA NKNA TAC2
Immunogen	Synthesized peptide derived from human protein . at AA range: 20-100
Specificity	TKN1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Hs.2563;NK2;NKNA;NPK;TAC2;4930528L02Rik;NK-1;NK1;PPT-A;PPTA;SP;PPTA3;Ppt5fl;RATPPTA3;TAC;TKN1_HUMAN;TAC1;PPT;NKA;TKN1_MOUSE;TKN1_RAT;TKN1;TAC1 NKA NKNA TAC2;Protachykinin-1 (PPT) [Cleaved into: Substance P;Neurokinin A (NKA) (Neuromedin L) (Substance K);Neuropeptide K (NPK);Neuropeptide gamma;C-terminal-flanking peptide]
Observed Band	14kD
Calculated Molecular Weight	14kD
Cell Pathway	Secreted.
Tissue Specificity	Adrenal medulla,Blood,Brain,Small intestine,Testis,
Function	function:Tachykinins are active peptides which excite neurons, evoke behavioral responses, are potent vasodilators and secretagogues, and contract (directly or indirectly) many smooth muscles.,online information:Neurokinin-1 entry, similarity:Belongs to the tachykinin family.,
Background	This gene encodes four products of the tachykinin peptide hormone family, substance P and neurokinin A, as well as the related peptides, neuropeptide K and neuropeptide gamma. These hormones are thought to function as neurotransmitters which interact with nerve receptors and smooth muscle cells.



They are known to induce behavioral responses and function as vasodilators and secretagogues. Substance P is an antimicrobial peptide with antibacterial and antifungal properties. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2014],

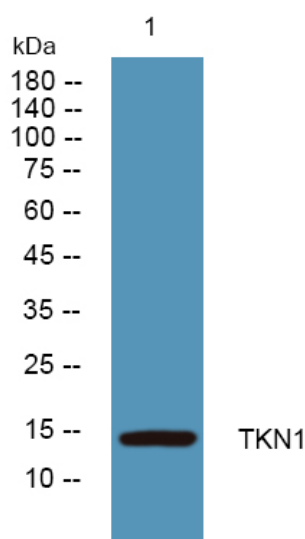
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from HCT116 cells, primary antibody was diluted at 1:1000, 4° over night