

Anti-PENK antibody (150-267) (STJ11105654)

STJ11105654

GENERAL INFORMATION

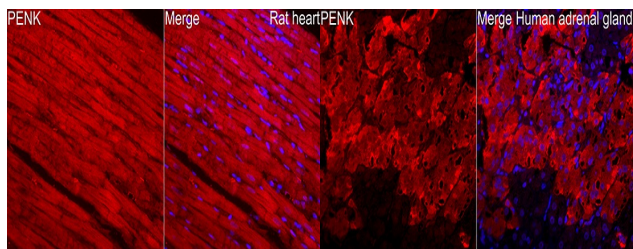
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Rat

PRODUCT PROPERTIES

Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

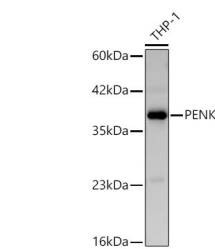
TARGET INFORMATION

Gene ID	5179
Gene Symbol	PENK
Uniprot ID	PENK_HUMAN
Immunogen	
Immunogen Region	150-267
Specificity	A synthetic peptide corresponding to a sequence within amino acids 150-267 of human PENK (NP_001129162.1).
Immunogen Sequence	LANSSDLLKELLETGDNRR SHHQDGSNNEEVSKRYGGF MRGLKRSPQLEDAKELQKR YGGFMRRVGRPEWWMQYQKR YGGFLKRFAEALPSDEEGES YSKEVPEMEKRYGGFMRF



Immunofluorescence analysis of a paraffin-embedded rat heart tissue using a PENK Rabbit polyclonal antibody (STJ11105654) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.

Immunofluorescence analysis of a paraffin-embedded human adrenal gland tissue using a PENK Rabbit polyclonal antibody (STJ11105654) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Western blot analysis of lysates from THP-1 cells using a PENK Rabbit polyclonal antibody (STJ11105654) at a 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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