

## Anti-OPRK1 antibody (280-380) (STJ115970)

### GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

### PRODUCT PROPERTIES

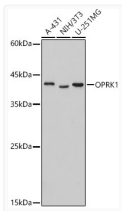
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 43kDa Observed Mw: 43kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

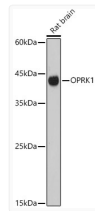
Gene ID	<a href="#">4986</a>
Gene Symbol	<a href="#">OPRK1</a>
UniProt ID	<a href="#">OPRK_HUMAN</a>
Immunogen Region	280-380
Immunogen Sequence	VAVFVVCWTPIHIFILVEAL GSTSHSTAALSSYYFCIALG YTNSSLNPILYAFLDENFKR CFRDFCFPLKMMERQSTSR VRNTVQDPAYLRDIDGMNKP V
Specificity	A synthetic peptide corresponding to a sequence within amino acids 280-380 of human OPRK1 (NP_000903.2).

### ADDITIONAL INFORMATION

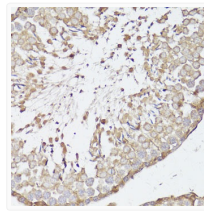
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



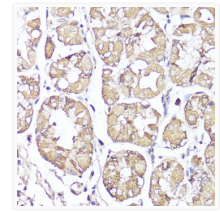
Western blot analysis of various lysates, using OPRK1 antibody (STJ115970) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



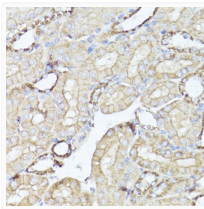
Western blot analysis of Rat brain, using OPRK1 antibody (STJ115970) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



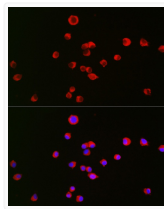
Immunohistochemistry analysis of paraffin-embedded rat testis using OPRK1 antibody (STJ115970) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded human stomach using OPRK1 antibody (STJ115970) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse kidney using OPRK1 antibody (STJ115970) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunofluorescence analysis of Neuro-2a cells using OPRK1 rabbit polyclonal antibody (STJ115970) at dilution of 1:50 (40x lens). Blue: DAPI for nuclear staining.