

Anti-PDK2 antibody (128-407) (STJ117807)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

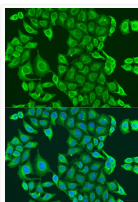
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:5000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 46kDa Observed Mw: 46kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

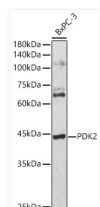
Gene ID	5164
Gene Symbol	PDK2
UniProt ID	PDK2_HUMAN
Immunogen Region	128-407
Immunogen Sequence	PTMAQGVLEYKDTYGDDPVSNQNIQYFLDRFYLSRISIRM LINQHTLIFDGSTNPAHPKH IGSIDPNCNVSEVVKDAYDM AKLLCDKYMASPDLEIQEI NAANSKQPIHMYVPSHLYH MLFELFKNAMRATVESHESLILPPIKVMVALGEEDLSIKMSDRGGGVPLRKIERLFSYM YSTAPTQPGTGGTPLAGFG YGLPISRLYAKYFQGDQLF SMEGFGDAVIYLKALSTD
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 128-407 of human PDK2 (NP_002602.2).

ADDITIONAL INFORMATION

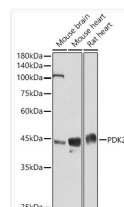
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of U2OS cells using PDK2 antibody (STJ117807) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of BxPC-3 cells, using PDK2 antibody (STJ117807) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Western blot analysis of extracts of various cell lines, using PDK2 antibody (STJ117807) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.