

Anti-PAK4 antibody (450-550) (STJ113249)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

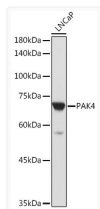
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.01% Thimerosal, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 64kDa Observed Mw: 70kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

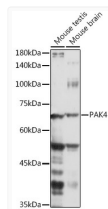
Gene ID	10298
Gene Symbol	PAK4
UniProt ID	PAK4_HUMAN
Immunogen Region	450-550
Immunogen Sequence	HDGRVKLSDFGFCQVSKEV PRRKSLVGTPYWMAPELISR LPYGPVDIWSLGIMVIEMV DGEPPYFNEPPLKAMK MIRD NLP PRLK NLHKVSPSLKGFL D
Specificity	A synthetic peptide corresponding to a sequence within amino acids 450-550 of human PAK4 (NP_005875.1).

ADDITIONAL INFORMATION

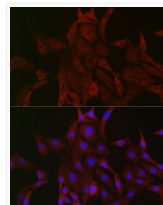
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of extracts of LNCaP cells, using PAK4 antibody (STJ113249) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3s.



Western blot analysis of extracts of various cell lines, using PAK4 antibody (STJ113249) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Immunofluorescence analysis of NIH/3T3 cells using PAK4 rabbit polyclonal antibody (STJ113249) at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.