

Anti-PARK7 antibody (1-189) (STJ11100527)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

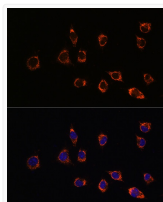
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 20kDa Observed Mw: 22kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

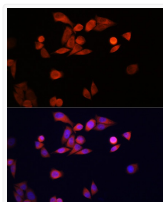
Gene ID	11315
Gene Symbol	PARK7
UniProt ID	PARK7_HUMAN
Immunogen Region	1-189
Immunogen Sequence	MASKRALVILAKGAEMETV IPVDVMRRAGIKVTVAGLAG KDPVQCSRDRVVICPDASLED AKKEGPYDVVVLPGGNLGAQ NLSESAIVKEILKEQENRKG LIAAICAGPTALLAHEIGFG SKVTTHPLAKDKMMNGGHYT YSENRVEKDGILTSRGPGT SFEFALAIVEALNGKEVAAQ VKAPLVVKD
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-189 of human DJ-1/PARK7 (NP_009193.2).

ADDITIONAL INFORMATION

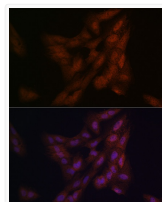
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



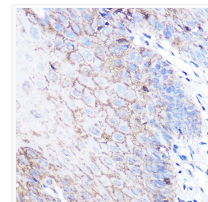
Immunofluorescence analysis of L929 cells using DJ-1/PARK7 Rabbit polyclonal antibody (STJ11100527) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



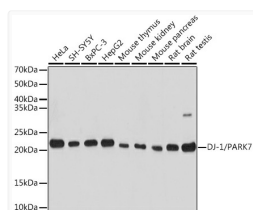
Immunofluorescence analysis of HeLa cells using DJ-1/PARK7 Rabbit polyclonal antibody (STJ11100527) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of C6 cells using DJ-1/PARK7 Rabbit polyclonal antibody (STJ11100527) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human esophageal using DJ-1/PARK7 Rabbit polyclonal antibody (STJ11100527) 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.



Western blot analysis of extracts of various cell lines, using DJ-1/PARK7 antibody (STJ11100527) 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% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.