

Product Name: PINK1 Mouse Monoclonal Antibody**Catalog #: AMM85907**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC
Reactivity	Human, Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:500
Molecular Weight	62.8kDa

Antigen Information

Gene Name	PINK1
Alternative Names	Serine/threonine-protein kinase PINK1, mitochondrial, BRPK, PTEN-induced putative kinase protein 1, PINK1
Gene ID	65018.0
SwissProt ID	Q9BXM7
Immunogen	Recombinant PINK1 protein was used to produced this monoclonal antibody.

Background

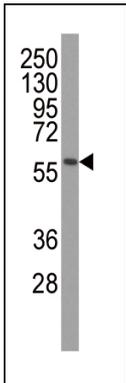
This gene encodes a serine/threonine protein kinase that localizes to mitochondria. It is thought to protect cells from stress-induced mitochondrial dysfunction. Mutations in this gene cause one form of autosomal recessive early-onset Parkinson

disease.

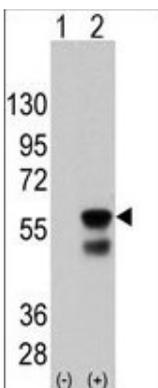
Research Area

Autophagy

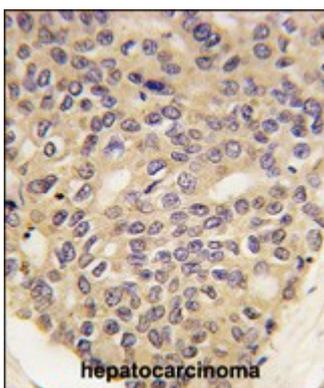
Image Data



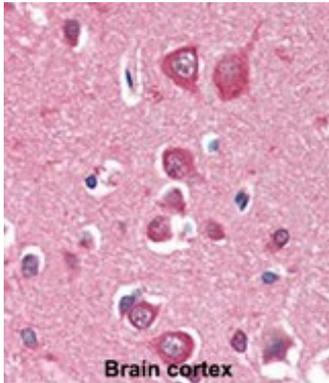
Western blot analysis of anti-PINK1 Monoclonal Antibody (PINK1 Mouse Monoclonal Antibody) in mouse brain tissue lysates. PINK1 (arrow) was detected using the ascites Mab. (dilution 1:500)



Western blot analysis of PINK (arrow) using mouse monoclonal PINK antibody (Ascites). 293 cell lysates (2 μ g/lane) either nontransfected (Lane 1) or transiently transfected with the PINK gene (Lane 2) (Origene Technologies) (1:2000)



Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with PINK1 Monoclonal Antibody (Cat.#AMM85907), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Formalin-fixed and paraffin-embedded human Brain Cortex tissue reacted with PINK1 Monoclonal Antibody (Cat.#AMM85907), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.