[KO Validated] Anti-GIT1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P102553

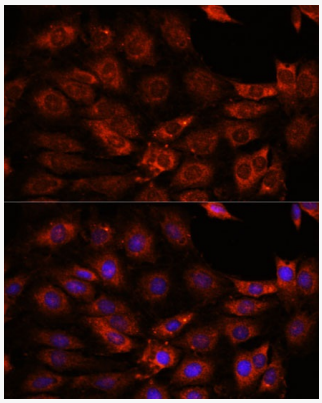
Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:200~1:2000; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 460-640 of human GIT1 (NP_054749.2).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-GIT1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

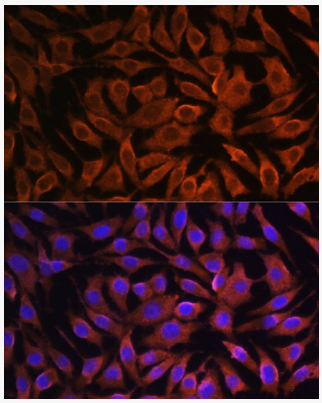
Protein Information

Synonyms	p95-APP1; T1.
Calculated MW	Calculated MW: 84 kDa; Observed MW: 100 kDa
Uniprot ID	Q9Y2X7
Gene ID	28964
Background	Enables gamma-tubulin binding activity. Involved in positive regulation of microtubule nucleation and regulation of cytokinesis. Located in several cellular components, including focal adhesion; microtubule cytoskeleton; and mitochondrion. Implicated in attention deficit hyperactivity disorder. Biomarker of Huntington's disease.

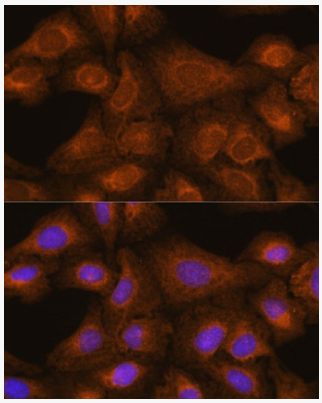
Validation Images



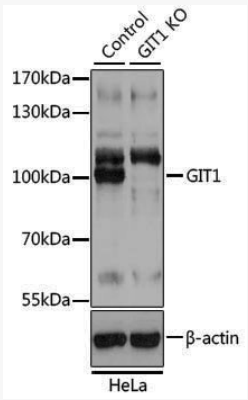
Immunofluorescence analysis of C6 cells using [KO Validated] GIT1 Rabbit pAb (P102553) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



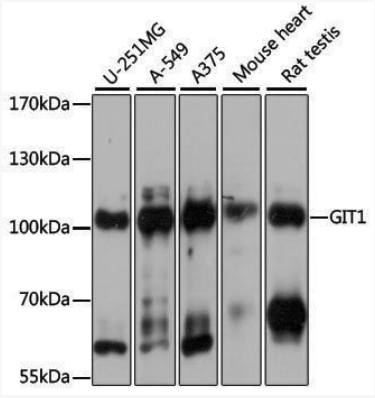
Immunofluorescence analysis of L929 cells using [KO Validated] GIT1 Rabbit pAb (P102553) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using [KO Validated] GIT1 Rabbit pAb (P102553) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from wild type (WT) and GIT1 knockout (KO) HeLa cells, using [KO Validated] GIT1 Rabbit pAb (P102553) at 1:3,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 1s.



Western blot analysis of various lysates using [KO Validated] GIT1 Rabbit pAb (P102553) at 1:1,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 1s.