[KO Validated] Anti-Flotillin 1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P106394

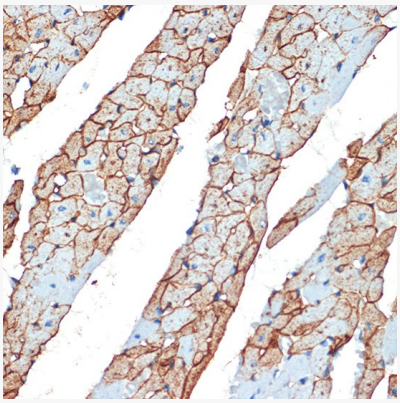
Product Information

Application	WB, IHC-P, IF (Cell)/ICC, IP, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2000; IHC-P 1:50~1:200; IF 1:50~1:200; IP 0.5μg-4μg antibody for 200μg-400μg extracts of whole cells
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 155-427 of human Flotillin 1 (NP_005794.1).
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-Flotillin 1 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

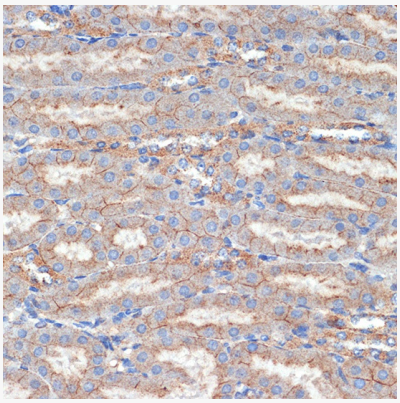
Protein Information

Synonyms	FLOT1; flotillin-1; Flotillin 1.
Calculated MW	Calculated MW: 47 kDa; Observed MW: 47 kDa
Uniprot ID	O75955
Gene ID	10211
Background	This gene encodes an protein that localizes to the caveolae, which are small domains on the inner cell membranes. This protein plays a role in vesicle trafficking and cell morphology. Alternative splicing results in multiple transcript variants.

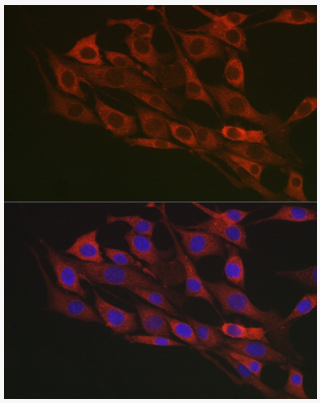
Validation Images



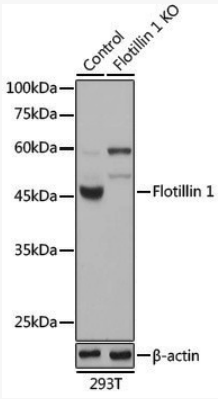
Immunohistochemistry analysis of paraffin-embedded Rat heart using [KO Validated] Flotillin 1 Rabbit pAb (P106394) at dilution of 1:100 (40× lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



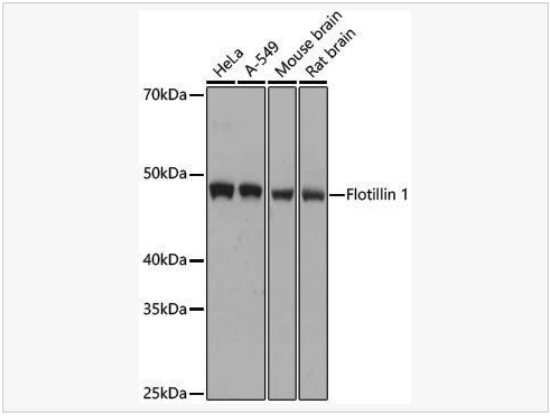
Immunohistochemistry analysis of paraffin-embedded Mouse kidney using [KO Validated] Flotillin 1 Rabbit pAb (P106394) at dilution of 1:100 (40× lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



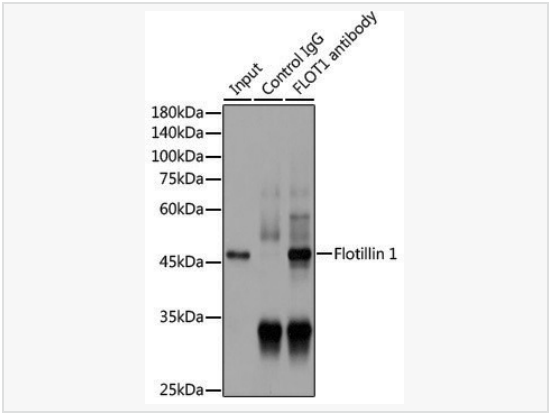
Immunofluorescence analysis of NIH/3T3 cells using Flotillin 1 Rabbit pAb (P106394) at dilution of 1:100 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from wild type (WT) and Flotillin 1 knockout (KO) 293T cells, using [KO Validated] Flotillin 1 Rabbit pAb (P106394) 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.



Western blot analysis of various lysates, using [KO Validated] Flotillin 1 Rabbit pAb (P106394) 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.



Immunoprecipitation analysis of 300 µg extracts of HeLa cells using 3 µg Flotillin 1 antibody (P106394). Western blot was performed from the immunoprecipitate using Flotillin 1 antibody (P106394) at a dilution of 1:1000.