

[KO Validated] Anti-Flotillin 1 Rabbit pAb

Purified Rabbit Polyclonal Antibody

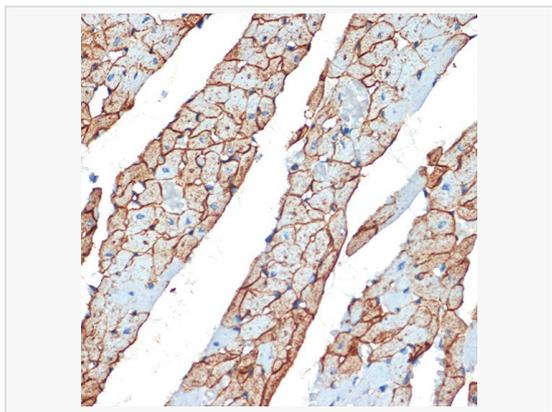
Catalog # P106394

Product Information

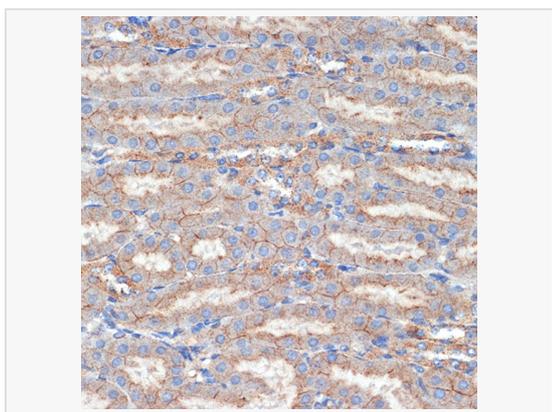
Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, IP, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2,000; IHC-P 1:50~1:200; IF 1:50~1:200; IP 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion 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

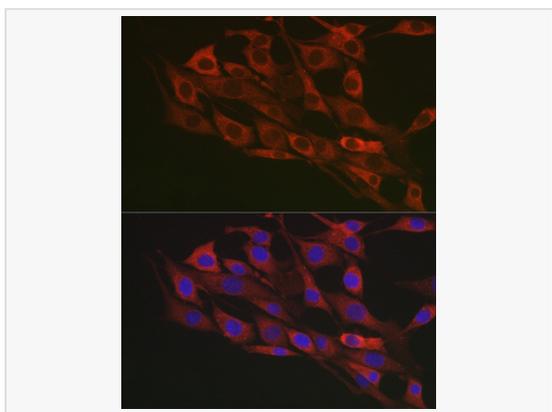
Synonyms	FLOT1; flotillin-1; Flotillin 1.
Calculated MW	Calculated MW: 47 kDa; Observed MW: 47 kDa
Uniprot ID	O75955
Gene ID	10211
Background	This gene encodes an protein that localizes to the caveolae, which are small domains on the inner cell membranes. This protein plays a role in vesicle trafficking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



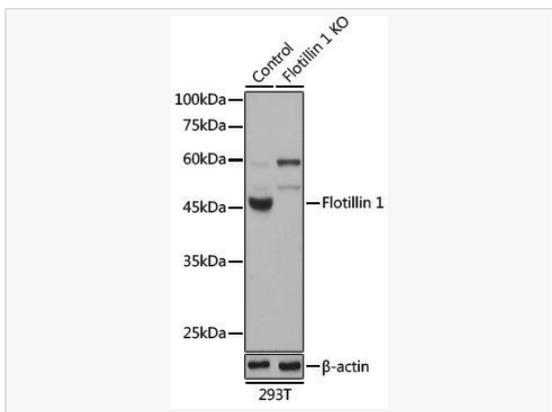
Immunohistochemistry analysis of paraffin-embedded Rat heart using [KO Validated] Flotillin 1 Rabbit pAb (P106394) at dilution of 1:100 (40× lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



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.



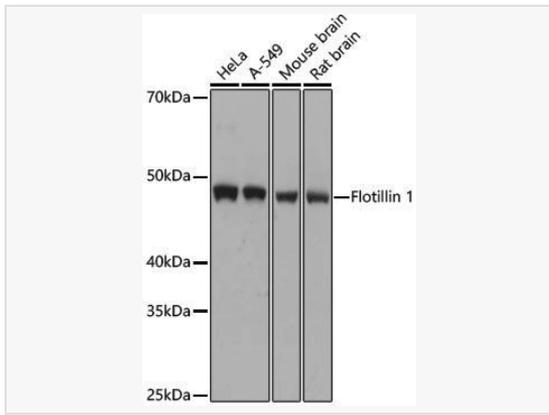
Western blot analysis of lysates from wild type (WT) and Flotillin 1 knockout (KO) 293T cells, using [KO Validated] Flotillin 1 Rabbit pAb (P106394) at 1:1,000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

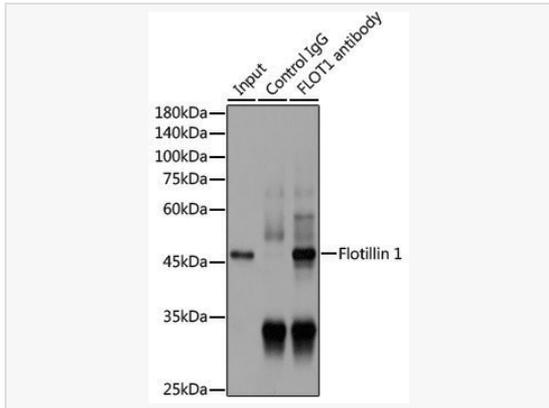
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit (SQ201).

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 (SQ201).
 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.