

SIRP alpha antibody

Cat. No. GTX112645

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
Reactivity	Human

References (4)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	Assay dependent
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 55 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.36 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the Extracellular domain of human SIRP alpha. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

Note

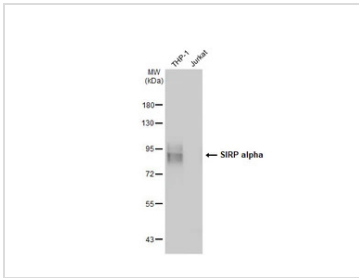
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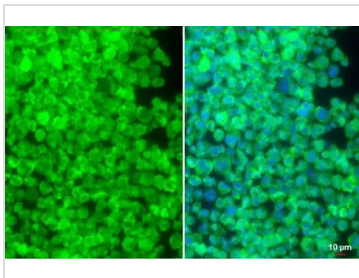
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DATA IMAGES



GTx112645 WB Image

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with SIRP alpha antibody (GTx112645) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



GTx112645 ICC/IF Image

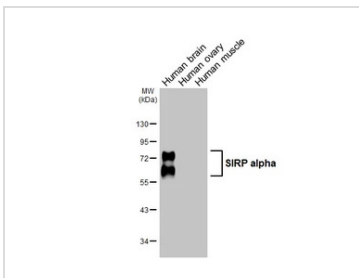
SIRP alpha antibody detects SIRP alpha protein at cell membrane by immunofluorescent analysis.

Sample: THP-1 cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: SIRP alpha stained by SIRP alpha antibody (GTx112645) diluted at 1:500.

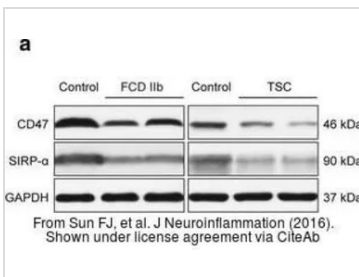
Red: alpha Tubulin, a cytoskeleton marker, stained by alpha Tubulin antibody (GTx102079) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTx30920).



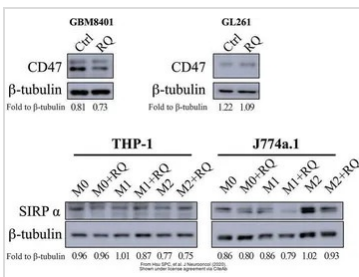
GTx112645 WB Image

Various tissue extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with SIRP alpha antibody (GTx112645) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



GTx112645 WB Image

The data was published in the journal J Neuroinflammation in 2016. [PMID: 27095555](https://pubmed.ncbi.nlm.nih.gov/27095555/)



GTx112645 WB Image

The data was published in the journal J Neurooncol in 2020. [PMID: 32020472](https://pubmed.ncbi.nlm.nih.gov/32020472/)



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