

## GAP43 RABBIT MAB

**Cat.#:** N262260

**Product Name:** Anti-GAP43 Rabbit Monoclonal Antibody

**Synonyms:** GAP43; Neuromodulin; Axonal membrane protein GAP-43; Growth-associated protein 43; Neural phosphoprotein B-50; pp46

**UNIPROT ID:** P17677

**Background:** This protein is associated with nerve growth. It is a major component of the motile "growth cones" that form the tips of elongating axons. Plays a role in axonal and dendritic filopodia induction.

**Immunogen:** A synthetic peptide of human GAP43

**Applications:** WB,IHC-F,IHC-P,ICC/IF,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R01-4F6

**MW:** Calculated MW: 25 kDa; Observed MW: 46 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse,Rat

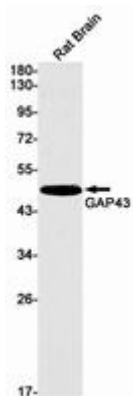
**Conjugation:** Unconjugated

**Modification:** Unmodified

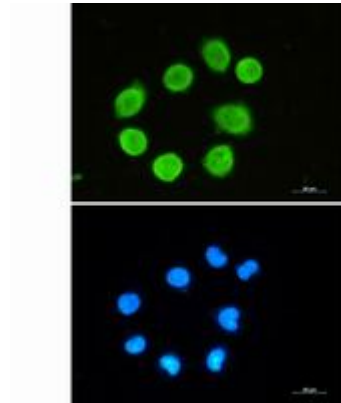
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Neuroscience Mature Neurons

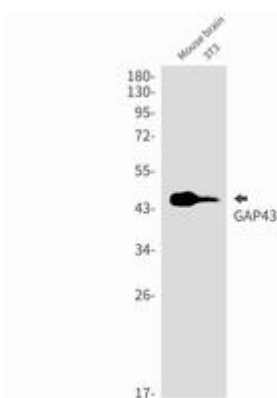
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



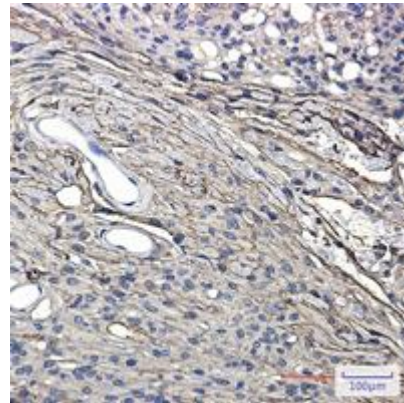
Western blot analysis of GAP43 in rat Brain lysates using GAP43 antibody



Immunocytochemistry analysis of GAP43 (green) in SH-SY5Y using GAP43 antibody, and DAPI (blue).



Western blot analysis of GAP43 in mouse brain, 3T3 lysates using GAP43 antibody.



Immunohistochemistry analysis of paraffin-embedded Human Brain using GAP43 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.