

## GAP43 (10C7) MOUSE MAB

**Cat.#:** N261265

**Product Name:** Anti-GAP43 (10C7) Mouse 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:** Recombinant Protein of GAP-43

**Applications:** WB,IHC-P

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 10C7-5H7-4H6

**MW:** Calculated MW: 25 kDa; Observed MW: 38,43 kDa

**Isotype:** IgG1

**Purification:** Affinity Purified

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

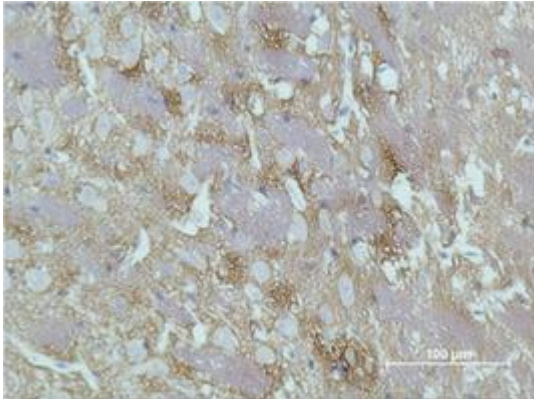
**Conjugation:** Unconjugated

**Modification:** Unmodified

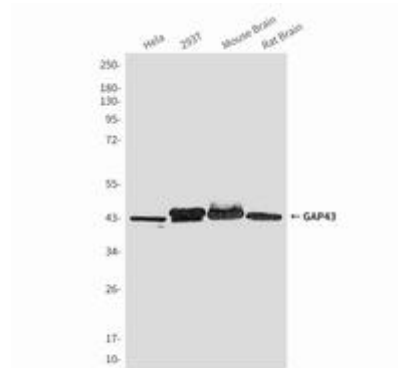
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Neuroscience

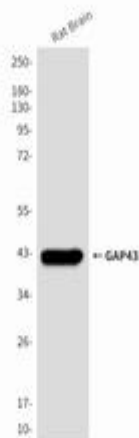
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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



Western blot analysis of GAP43 (10C7) in Hela, 293T, mouse Brain, and Rat Brain lysates using GAP43 antibody.



Western blot analysis of GAP43 (10C7) in rat Brain lysates using GAP43 (1C7) antibody.