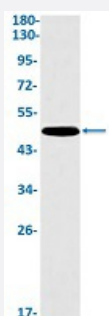


RecomAb™

# GAP43 recombinant monoclonal antibody, clone R01-4F6

Catalog # RAB02265      Size 100 uL

## Applications



### Western Blot

Western Blot analysis of rat brain lysates with GAP43 recombinant monoclonal antibody, clone R01-4F6 (Cat # RAB02265).

## Specification

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against human GAP43.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	Original antibody is raised against a synthetic peptide corresponding to human GAP43.
<b>Theoretical MW (kDa)</b>	Calculated MW: 25 kD
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:100) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.

Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western Blot analysis of rat brain lysates with GAP43 recombinant monoclonal antibody, clone R01-4F6 (Cat # RAB02265).

- Immunohistochemistry

- Immunofluorescence

- Immunoprecipitation

## Gene Info — GAP43

Entrez GeneID	<a href="#">2596</a>
Protein Accession#	<a href="#">P17677</a>
Gene Name	GAP43
Gene Alias	B-50, PP46
Gene Description	growth associated protein 43
Omim ID	<a href="#">162060</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene has been termed a 'growth' or 'plasticity' protein because it is expressed at high levels in neuronal growth cones during development and axonal regeneration. This protein is considered a crucial component of an effective regenerative response in the nervous system. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]
Other Designations	axonal membrane protein GAP-43 calmodulin-binding protein P-57 nerve growth-related peptide GAP43 neural phosphoprotein B-50 neuromodulin neuron growth-associated protein 43 protein F1

## Disease

- [Tobacco Use Disorder](#)