

# GAP43 Rabbit Polyclonal Antibody

Catalog No.: RA20012

## Basic Information

### Information

Reactivity	H,M,R
Immunogen	Recombinant Protein
Host	Rabbit
Isotype	IgG
Storage Buffer & Condition	1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol.
Observed MW	38,43KD

### Applications

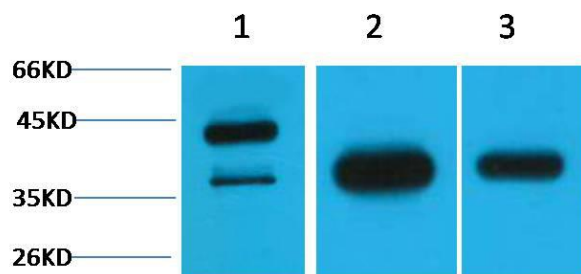
### Recommended Dilution

WB	1:1,000-3,000
IHC	1:500-1,000

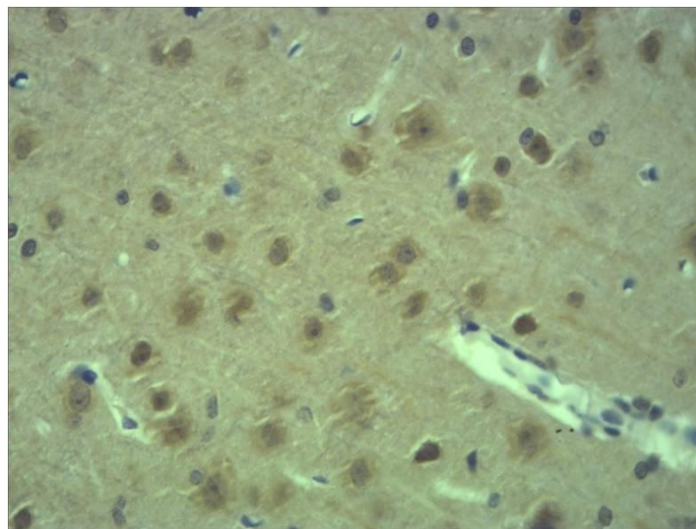
## Preparation & Storage

Storage	Store at -20°C. Stable for one year from the date of shipment.
Shipping	Bule Ice

## Experimental Data



Western blot analysis of 1)Hela, 2)Mouse Brain, 3)Rat Brain tissue with  $\alpha$ -Smooth Muscle Actin Rabbit pAb diluted at 1:3,000.



Immunohistochemical analysis of paraffin-embedded Mouse Brain Tissue using  $\alpha$ -Smooth Muscle Actin Rabbit pAb diluted at 1:500.

## Background

Growth Associated Protein 43 also known as GAP43 is a protein that in humans is encoded by the GAP43 gene. GAP43, is a nervous tissue-specific cytoplasmic protein that can be attached to the membrane via a dual palmitoylation sequence on cysteines 3 and 4. This sequence targets GAP43 to lipid rafts.