

GAP-43 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03464
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human GAP43. AA range:8-57
Mol wt	24803
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	GAP-43 Antibody
Synonyms	GAP43; Neuromodulin; Axonal membrane protein GAP-43; Growth-associated protein 43; Neural phosphoprotein B-50; pp46

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Neuromodulin encoded by GAP43 has been termed a 'growth' or 'plasticity' protein because it is expressed at high levels in neuronal growth cones during development and axonal regeneration. Neuromodulin 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 GAP43.

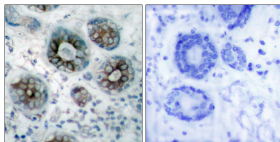
Recommended Dilution

IHC: 1: 100 - 1: 300

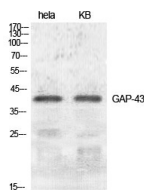
ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using GAP43 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using GAP-43 Polyclonal Antibody diluted at 1:500

Storage

-20°C for one year