**Rabbit Polyclonal antibody to GAP43 - Neuronal Marker**

**Catalog Number:** NB600-1110

**Alternate Names:** anti-Growth Associated Protein 43 antibody, anti-Nerve Growth Related Peptide antibody, anti-Neuromodulin antibody, anti-GAP43 antibody, anti-GAP-43 antibody

**Host:** Rabbit

**Research Areas:** Neuronal Markers, GAP43, Growth and Development

**Immunogen:** GAP43 purified from cat brain.

**Isotype:** IgG

**Species Reactivity:** Cross-reacts with Human, Mouse, Rat, Cat, Fish (carp) and Monkey. Not yet tested in other species.

**Uses:**
- ICC: Use at a dilution of 1/100 - 1/400.
- IHC: Use at a dilution of 1/100 - 1/400.
- IP: Use 2-10μl

Detects a band of approximately 43-57 kDa (predicted molecular weight: 24 kDa). Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.

* Other applications have not been tested.

**Dilutions:** Suggested working dilutions *

- ICC, immunohistochemistry, immunoprecipitation, Western Blot
- Investigator should determine optimal working dilutions.

**Packaging:** 0.1 ml Whole antisera Rabbit antisera.

**Buffer:** Preservative: 0.09% Sodium Azide

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**Storage:** Store at 4°C or at -20°C if preferred.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody.

**Limitations:** This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 6 months from date of receipt.

**General References:**
- This product has been used in: <b>McIntosh H &amp; Parkinson D</b> GAP-43 in adult visual cortex. <i>Brain Res</i> 518:324-8 (1990).
- <b>PUBMED:2143963</b> McIntosh H &lt; <i>et al.</i> GAP-43 in the cat visual cortex during postnatal development. <i>Vis Neurosci</i> 4:b755-93 (1990).