Anti-GAP43 Antibody [K29024_4D6]

Catalog No. K29024C04D06C

Overview

Product name: Anti-GAP43 Antibody [K29024_4D6]
Antibody specificity: Growth associated protein 43
Species reactivity: Human, Rat
Clonality: Monoclonal
Clone number: K29024_4D6
Host / isotype: Mouse / IgG2b
Immunogen: Recombinant human GAP43
Cross reactivity: Not tested
Kinetic characterization by BLI (biolayer interferometry): Not tested
Purification: Protein A purified from cell culture supernatants
Form: Liquid
Concentration: 1 mg/mL in phosphate buffered saline containing 0.09% preservative
Conjugation: Unconjugated
Shipping, storage and shelf life:
* 3 months when stored at 2 to 8 °C
* 1 year when aliquoted and stored at -20 °C
* 3 years when aliquoted and stored at -80 °C

Applications

<table>
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<tr>
<th>Application</th>
<th>Recommended concentration</th>
<th>Note</th>
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<tbody>
<tr>
<td>Western blot (WB)</td>
<td>1 µg/mL</td>
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<tr>
<td>Indirect ELISA</td>
<td>1 µg/mL</td>
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Note:
* The applications above have already been verified. The antibody may be suitable for additional applications.
* Optimal antibody concentrations for each application should be determined by the user.

Additional information

Target antigen
Protein name: Growth associated protein 43
Gene name: GAP43
UniProt Accession: P17677
Organism: Homo sapiens (Human)

Paired antibody information
K29024_4D6 may pair with K29024_14A8, K29024_4C7, K29024_5D5, K29024_13G9, K29024_7C5 and KAA310_17D9 for sandwich based immune assays.

Product data

Western blotting
15 µg of rat brain tissue lysate was run on 6-18% SDS-PAGE under reducing conditions and blotted onto PVDF membrane. K29024_4D6 at 1 µg/mL was used as the primary antibody and peroxidase conjugated goat anti-mouse IgG was used as the secondary antibody. GAP43 band was visualized using ECL Western Blotting Substrate.
Result: K29024_4D6 can detect GAP43 by Western blotting.