

## Product Datasheet

### GAP43 Mouse Monoclonal Antibody (orb323146)

<b>Catalog Number</b>	orb323146
<b>Category</b>	Antibodies
<b>Description</b>	The GAP43 Antibody is suitable for IHC, WB. It is a Monoclonal, Unconjugated antibody which raised against Recombinant protein corresponding to human GAP43. Purification: Affinity chromatography
<b>Target</b>	GAP43
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form/Appearance</b>	Liquid
<b>Buffer/Preservatives</b>	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
<b>Purification</b>	Affinity chromatography
<b>Immunogen</b>	Recombinant protein corresponding to human GAP43.
<b>UniProt ID</b>	<b>P17677</b>
<b>Tested applications</b>	IHC, WB
<b>Dilution range</b>	WB: 1:1000-1:2000, IHC-P: 1:200-1:500
<b>Specificity</b>	Recognizes endogenous levels of GAP43 protein.

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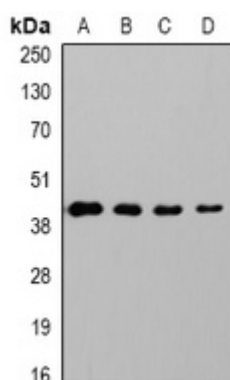
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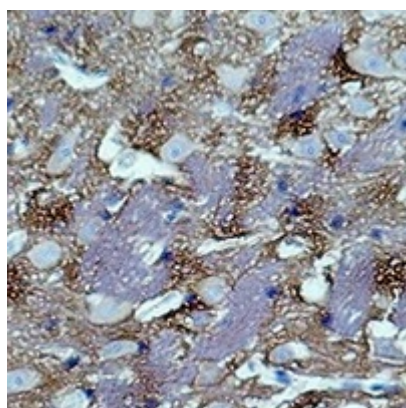
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<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Entrez</b>	<b>2596</b>
<b>Expiration Date</b>	12 months from date of receipt.



Western blot analysis of GAP43 expression in Hela (A), 293T (B), mouse brain (C), rat brain (D) whole cell lysates. (Predicted band size: 24 kD; Observed band size: 43 kD)



Immunohistochemical analysis of GAP43 staining in rat brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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