

## Product datasheet for **AP05895PU-N**

### GAP43 pSer41 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Western Blot: 1:1000; detects a band of approximately 50kDa in rat cortex lysates.
Reactivity:	Bovine, Canine, Chicken, Human, Monkey, Mouse, Rat, Xenopus, Zebrafish
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic phosphopeptide corresponding to an amino acid sequence within GAP-43 which includes phosphorylated Ser41.
Specificity:	This antibody is specific for Growth Associated Peptide 43 (GAP-43), when phosphorylated at serine 41.
Formulation:	10mM HEPES, pH7.5 containing 0.09% Sodium Azide, 0.01% Bovine Serum Albumin and 50% Glycerol State: Purified State: Liquid purified Ig
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	growth associated protein 43
Database Link:	<a href="#">Entrez Gene 2596 Human P17677</a>
Background:	GAP-43 is expressed in neuronal growth cones during development and during axonal regeneration and is phosphorylated at Ser41 by protein kinase C.
Synonyms:	Neuromodulin



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