

Human GAP43 Knockdown Cell Lysate

Cat. No. GAP43-170HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated GAP43 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene has been termed a 'growth' or 'plasticity' protein because it is expressed at high levels in neuronal growth cones during development and axonal regeneration. This protein 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 this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	25 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg GAP43 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	GAP43 growth associated protein 43 [Homo sapiens (human)]
Official Symbol	GAP43
Synonyms	GAP43; growth associated protein 43; neuromodulin; axonal membrane protein GAP 43; B 50; calmodulin binding protein P 57; nerve growth related peptide GAP43; neural phosphoprotein B 50; neuron growth associated protein 43; PP46; protein F1; neural phosphoprotein B-50; growth-associated protein 43; axonal membrane protein GAP-43; calmodulin-binding protein P-57; nerve growth-related peptide GAP43; neuron growth-associated protein 43; B-50;
Gene ID	2596
mRNA Refseq	NM_001130064
Protein Refseq	NP_001123536
MIM	162060
UniProt ID	P17677

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