

Rabbit DYN1 Polyclonal Antibody | anti-DYN1 antibody

DYN1 (Phospho-Ser778) Antibody

CATALOG # AAA306972	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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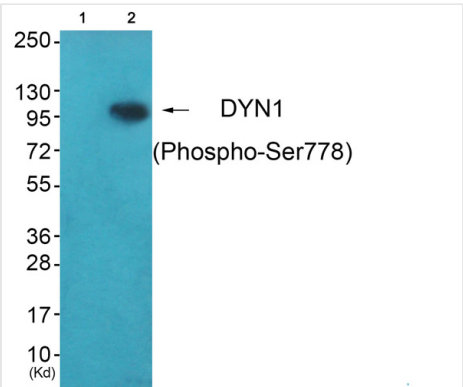
PRODUCT SYNONYMS

DYN1; Polyclonal Antibody; DYN1 (Phospho-Ser778) Antibody; B-dynamin; D100; DNM; DNM1; Dynamin BREDNM19; Dynamin; brain; dynamin-1; anti-DYN1 antibody

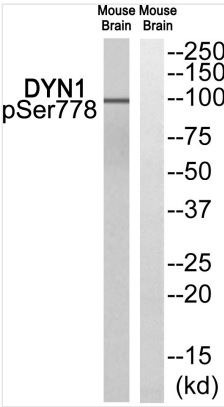
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of DYN1 only when phosphorylated at serine 778.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	851
Applicable Applications for anti-DYN1 antibody	WB (Western Blot)
Immunogen Type	peptide
Immunogen Description	Peptide sequence around phosphorylation site of serine 778 (T-S-S(p)-P-T) derived from Human DYN1.
Modification	Phospho-Ser778
Target Name	DYN1
Preparation and Storage	Store at -20 degree C

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells (Lane 2), using DYN1 (Phospho-Ser778) Antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)
Western blot analysis of extracts from Mouse brain cells, using DYN1 (Phospho-Ser778) antibody. The lane on the right is treated with the synthesized peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-DYN1 antibody	Microtubule-associated force-producing protein involved in producing microtubule bundles and able to bind and hydrolyze GTP. Most probably involved in vesicular trafficking processes. Involved in receptor-mediated endocytosis.
Product Categories/Family for anti-DYN1 antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	56549117
NCBI GeneID	1759
NCBI Accession #	NP_001005336.1
NCBI GenBank Nucleotide #	NM_001005336.2
UniProt Accession #	Q05193; Q5SYX0; Q5SYX2; Q6P3T6; Q86VD2; A6NLM6
Molecular Weight	95,895 Da
NCBI Official Full Name	dynamamin-1 isoform 2
NCBI Official Synonym Full Names	dynamamin 1
NCBI Official Symbol	DNM1
NCBI Official Synonym Symbols	DNM; EIEE31
NCBI Protein Information	dynamamin-1
UniProt Protein Name	Dynamamin-1
UniProt Gene Name	DNM1
UniProt Synonym Gene Names	DNM
UniProt Entry Name	DYN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.