

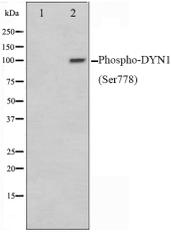
Phospho-DYN1(Ser778) Ab

Cat.#: AF0051
Size: 100ul,200ul

Concn.: 1mg/ml
Source: Rabbit

Mol.Wt.: 100kDa
Clonality: Polyclonal

Application:	WB 1:500-1:2000
Reactivity:	Human,Mouse,Rat
Purification:	The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Specificity:	Phospho-DYN1(Ser778) Ab detects endogenous levels of DYN1 only when phosphorylated at Sersine 778.
Immunogen:	A synthesized peptide derived from human DYN1 around the phosphorylation site of Ser778.
Uniprot:	Q05193
Description:	Dynamins represent one of the subfamilies of GTP-binding proteins. These proteins share considerable sequence similarity over the N-terminal portion of the molecule, which contains the GTPase domain. Dynamins are associated with microtubules. They have been implicated in cell processes such as endocytosis and cell motility, and in alterations of the membrane that accompany certain activities such as bone resorption by osteoclasts. Dynamins bind many proteins that bind actin and other cytoskeletal proteins. Dynamins can also self-assemble, a process that stimulates GTPase activity. This gene is located on chromosome 9. More than sixty highly conserved copies of the 3' region of this gene are found on other chromosomes, particularly chromosomes Y and 15. These copies are referred to as DN1DN duplcons. Multiple splice variants exist for this gene but only two alternatively spliced transcripts encoding distinct isoforms have been described completely.
Subcellular Location:	Cytoplasm. Cytoplasm > cytoskeleton. Microtubule-associated.
Similarity:	Belongs to the TRAFAC class dynamin-like GTPase superfamily. Dynammin/Fzo/YdjA family.
Storage Condition and Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis on mouse brain cell lysates using Phospho-DYN1(Ser778) Ab, The lane on the left was treated with the antigen-specific peptide.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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