

Datasheet for ABIN576280

anti-Dynamin 3 antibody (pSer774)[Go to Product page](#)

Overview

Quantity:	0.1 mL
Target:	Dynamin 3 (DNM3)
Binding Specificity:	pSer774
Reactivity:	Rat
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This Dynamin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Synthetic phosphopeptide corresponding to an amino acid sequence within dynamin which includes phosphorylated Ser774. (pSer774). Type of Immunogen: Synthetic phospho-peptide
Isotype:	IgG
Specificity:	Recognizes rat dynamin when phosphorylated at serine 774. Dynamin is a phosphoprotein expressed at nerve terminals, which plays an important role in the regulation of synaptic vesicle endocytosis. Cyclin dependent protein kinase 5 (cdk5) has been shown to phosphorylate serine 774 and 778 in vivo. Dephosphorylation of these residues is essential for endocytosis of synaptic vesicles.

Product Details

Purification: Purified

Target Details

Target: Dynamin 3 (DNM3)

Alternative Name: DNM3 / Dynamin 3 ([DNM3 Products](#))

Background: Name/Gene ID: DNM3

Synonyms: DNM3, Dyna III, Dynamin 3, Dynamin family member, Dynamin-3, Dynamin, testicular, KIAA0820, T-dynamin

Gene ID: 26052

Pathways: [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Approved: IF, IHC, IHC-Fr, WB (1:1000)

Usage: Western Blot: LS-C43073 detects a band of approximately 95kD in rat hippocampus lysates.

Comment: Target Species of Antibody: Rat

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: 10 mM HEPES, pH 7.5, 0.09 % sodium azide, 0.01 % BSA, 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.