

Product datasheet for **TA319552**

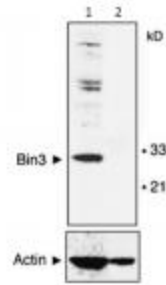
BIN3 Mouse Monoclonal Antibody [Clone ID: 3A4]

Product data:

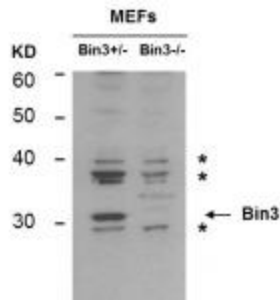
Product Type:	Primary Antibodies
Clone Name:	3A4
Applications:	WB
Recommended Dilution:	ELISA: 1:5000-1:50000, WB: 1:500-1:1500, IP: 10-100 uL
Reactivity:	Mouse, Human
Host:	Mouse
Clonality:	Monoclonal
Immunogen:	Anti-BIN3 (MOUSE) Monoclonal Antibody was produced in mouse by repeated immunizations with a full length human BIN3 recombinant protein followed by hybridoma development.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	bridging integrator 3
Database Link:	NP_061158 Entrez Gene 57784 Mouse Entrez Gene 55909 Human Q9NQY0
Synonyms:	MGC14978
Note:	BIN-3 encodes an evolutionarily conserved and ubiquitously expressed member of the BAR superfamily of curved membrane and GTPase-binding proteins implicated in signal transduction and vesicular trafficking. In humans, Bin3 maps to chromosome 8p21.3, a region widely implicated in cancer suppression that is often deleted in non-Hodgkin's lymphomas and various epithelial tumors. Study in mouse suggests that homozygous inactivation of Bin3 causes cataracts and an increased susceptibility to lymphomas during aging.



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Product images:


Western Blot of Mouse Anti-BIN3 antibody. Lane 1: MEF cells wild type. Lane 2: MEF cells null mice. Load: 35 ug per lane. Primary antibody: BIN3 antibody overnight at 4°C. Secondary antibody: IRDye800™ mouse secondary antibody for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 29.7 kDa, 30 kDa for BIN-3. Other band (s): non-specific.



Western Blot of Mouse anti-BIN3 antibody. Lane 1: MEF lysate BIN3 +/- . Lane 2: MEF lysate BIN3 - /-. Load: 35 ug per lane. Primary antibody: BIN-3 antibody at 1:400 for overnight at 4°C. Secondary antibody: IRDye800™ mouse secondary antibody at 1:10,000 for 45 min at RT. Block: 5% BLOTTO overnight at 4°C. Predicted/Observed size: 29.7 kDa, 31 kDa for BIN 3. Other band (s): * non-specific.