

Polyclonal Antibody to LMAN1 - Aff - Purified

Catalog No.:	15-288-21589A
Quantity:	0.1 mg
Concentration:	100 µg/ml (prior to lyophilization)
Background:	<p>The PKB (RAC/akt) protein kinases are a family of second messenger - regulated serine/threonine kinases.</p> <p>Three mammalian isoforms (alpha, beta, gamma) have been identified so far; the alpha-isoform being the cellular homologue of the v-akt oncogene.</p> <p>Stimulation of cells with growth factors leads to activation of PKB by a phosphoinositide-3-kinase dependent signal transduction pathway.</p>
Host / Isotype:	Chicken
Immunogen:	Peptide conjugated to KLH.
Format:	<p>State: Lyophilized purified Ig fraction.</p> <p>Purification: Thiophilic adsorption and size exclusion chromatography.</p> <p>Buffer System: 2X PBS, PEG and sucrose, containing 0.09% sodium azide as preservative.</p> <p>Reconstitution: Restore with 1 ml water for 15 minutes at room temperature.</p>
Applications:	<p>Immunoblotting: 0.5 µg/ml for HRP/ECL detection.</p> <p>Recommended blocking buffer: 0.5% (w/v) casein, 1% (w/v) PEG 4000, 1% (w/v) Polyvinylpyrrolidone (PVP), 0.1% (v/v) Tween 20, 10 mM Tris/HCl, pH 7.4, 150 mM Sodium chloride.</p> <p>ELISA: use at 0.05 µg/ml.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	This antibody specifically recognizes PKB when it is dephosphorylated at Serine 473 (epitope: QFSYSA).
Add. Information:	A specific Positive Control is included Please see "Protocols".
Storage:	<p>Store lyophilized (preferably in a desiccator) at 2-8°C and reconstituted (in aliquots) at -20°C.</p> <p>Avoid repeated freezing and thawing.</p> <p>Shelf life: one year from despatch.</p>
Protocols:	<p>The positive Control is supplied as lyophilized lysate.</p> <p>Reconstitute with 200 µl water. After complete solubilization of the proteins, add 200 µl SDS-PAGE sample buffer and incubate at 90°C for 5 minutes.</p> <p>Suitable for use in Western blot (20 µl/lane (mini gel) for HRP/ECL detection).</p> <p>Store lyophilized (preferably in a desiccator) at 2-8°C and reconstituted (in aliquots) at</p>

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