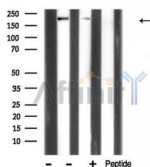


MLCK Ab

[References\(9\)](#) [Images\(6\)](#)

Cat.#: AF5314	Concn.: ~1mg/ml	Mol.Wt.: 211 kDa.
Size:	Source: Rabbit	Clonality: Polyclonal

Application:	WB 1:500-1:2000 *The optimal dilutions should be determined by the end user.
Reactivity:	Human, Mouse, Rat
Storage:	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.
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).
Immunogen:	A synthesized peptide derived from human MLCK, corresponding to a region within C-terminal amino acids.
Uniprot:	Q15746
Description:	Calcium/calmodulin-dependent enzyme implicated in smooth muscle contraction via phosphorylation of myosin light chains (MLC). Also regulates actin-myosin interaction through a non-kinase activity (By similarity). Implicated in the regulation of endothelial as well as vascular permeability.



Western blot analysis of extracts from various samples, using MYLK Ab.
Lane 1: Mouse liver lysates;
Lane 2: Mouse kidney lysates;
Lane 3: Mouse kidney lysates treated with blocking 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.

For Research Use Only. Not for use in diagnostic and therapeutic procedures. Not for resale without express authorization.