



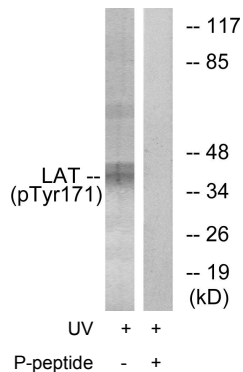
LAT (Phospho-Tyr171) Antibody

E11-0669A**Catalog Number:** E11-0669A**Concentration:** 1mg/ml**Swiss-Prot No.:** O43561**Other Names:** 36 kDa phospho-tyrosine adaptor protein;
Linker for activation of T cells; p36-38; pp36**All Sites:** Human: Tyr171; Mouse: Tyr171**Storage/Stability:** Store at -20°C/1 year**Form of Antibody:** Rabbit IgG in phosphate buffered
saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl,
0.02% sodium azide and 50% glycerol.**Immunogen:** The antiserum was produced against
synthesized phosphopeptide derived from human LAT
around the phosphorylation site of tyrosine 171
(D-D-Y^P-V-N).**Purification:** The antibody was affinity-purified fromrabbit antiserum by affinity-chromatography using
epitope-specific phosphopeptide. The antibody against
non-phosphopeptide was removed by chromatography
using non-phosphopeptide corresponding to the
phosphorylation site.**Specificity:** LAT (Phospho-Tyr171) antibody detects
endogenous levels of LAT only when phosphorylated at
tyrosine 171**Reactivity:** Human, Mouse**Applications:** WB: 1:500~1:1000 ELISA: 1:10000**References:**

M Nicosia, J. Virol., Dec 1993; 67: 7276 - 7283.

Marta Pineda, J. Biol. Chem., Jul 1999; 274: 19738.

Shin-ichiroh Saitoh, J. Exp. Med., Sep 2003; 198: 831.



Western blot analysis of extracts from Jurkat cells, treated
with UV (5mins), using LAT (Phospho-Tyr171) antibody.

For Research Use Only