

L1TD1 (C-term) Control Peptide

Alternate names:	ECAT11, ES cell-associated protein 11, LINE-1 type transposase domain-containing protein 1
Catalog No.:	AP55586CP-N
Quantity:	50 µg
Concentration:	0.2 mg/ml
Uniprot ID:	Q5T7N2
NCBI:	NP_061952
GeneID:	54596
Format:	State: Liquid peptide Buffer System: PBS pH 7.2 (10 mM NaH ₂ PO ₄ , 10 mM Na ₂ HPO ₄ , 130 mM NaCl) containing 0.1% BSA and 0.02% Sodium azide
Applications:	The peptide is used for blocking the activity of L1TD1 antibody Cat.-No. AP55586PU-N. It usually blocks the antibody activity completely in Western blot by incubating the peptide with equal volume of antibody for 30 min at 37°C. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Control peptide for AP55586PU-N. Peptide containing 17 amino acids near the carboxy terminus of human L1TD1. Species: Human Other species not tested.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Iwabuchi KA, Yamakawa T, Sato Y, et al. ECAT11/L1td1 is enriched in ESCs and rapidly activated during iPSC generation, but it is dispensable for the maintenance and induction of pluripotency. PLoS One. 2011; 6:e20461.
Pictures:	Western blot analysis in Jurkat cell lysate with L1TD1 antibody Cat.-No. AP55586PU-N at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.

