

Goat anti-ABCE1 / RNase L Antibody

Item Number	dAP-1614
Target Molecule	Principle Name: ABCE1 / RNase L; Official Symbol: ABCE1; All Names and Symbols: ABCE1; ATP-binding cassette, sub-family E (OABP), member 1; ABC38; OABP; RLI; RNASEL1; RNASEL1; RNS41; ATP-binding cassette, sub-family E, member 1; RNase L inhibitor; ribonuclease L (2',5'-oligoisoadenylate synthetase-dependent) inhibitor; Accession Number (s): NP_002931.2; NP_001035809.1; Human Gene ID(s): 6059; Non-Human GeneID(s): 24015 (mouse) 361390 (rat)
Immunogen	NHDKCKPKKCRQEC, is from N Terminus Reported variants represent identical protein: NP_002931.2 NP_001035809.1
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Preliminary experiments gave an approx. 80kDa band in Human Spleen lysates after 0.2µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 67.
IHC	
Reference	Reference(s): Shichijo S, Ishihara Y, Azuma K, Komatsu N, Higashimoto N, Ito M, Nakamura T, Ueno T, Harada M, Itoh K. ABCE1, a member of ATP-binding cassette transporter gene, encodes peptides capable of inducing HLA-A2-restricted and tumor-reactive cytotoxic T lymphocytes in colon cancer patients. <i>Oncol</i>

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**