

Goat anti-ASCL1 (aa79-91) Antibody

Item Number	dAP-3454
Target Molecule	Principle Name: ASCL1 (aa79-91); Official Symbol: ASCL1; All Names and Symbols: ASCL1; achaete-scute complex homolog 1 (Drosophila); ASH1; HASH1; MASH1; bHLHa46; ASH-1; achaete scute protein; achaete-scute complex-like 1; achaete-scute homolog 1; class A basic helix-loop-helix protein 46; Accession Number (s): NP_004307.2; Human Gene ID(s): 429; Non-Human GenelD(s): 17172 (mouse) 64186 (rat)
Immunogen	HKSAPKQVKRQRS, is from internal region
Applications	Pep ELISA, WB Species Tested: Mouse, Rat
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: Approx 28kDa band observed in Mouse and Rat Lung lysates (calculated MW of 24.7kDa according to Mouse NP_032579.2 and 24.9kDa according to Rat NP_071779). Recommended concentration: 0.3-1μg/ml.
IHC	
Reference	Reference(s): Fujiwara T, Hiramatsu M, Isagawa T, Ninomiya H, Inamura K, Ishikawa S, Ushijima M, Matsuura M, Jones MH, Shimane M, Nomura H, Ishikawa Y, Aburatani H. ASCL1-coexpression profiling but not single gene expression profiling defines lung adenocarcinomas of neuroendocrine nature with poor

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**