

## Goat anti-P19ARF (mouse) Antibody

<b>Item Number</b>	dAP-2496
<b>Target Molecule</b>	Principle Name: P19ARF (mouse); Official Symbol: Cdkn2a; All Names and Symbols: Cdkn2a; cyclin-dependent kinase inhibitor 2A; RP23-166I8.5; ARF-INK4a; Arf; INK4a-ARF; Ink4a/Arf; MTS1; Pctr1; p16; p16(INK4a); p16INK4a; p19ARF; CDK4I; OTTMUSP00000008143; cyclin-dependent kinase 4 inhibitor A; cyclin-dependent kinase inhibitor 2A (p16, ; Accession Number (s): NP_034007.1; Human Gene ID(s) ; Non-Human GeneID(s): 12578 (mouse)
<b>Immunogen</b>	RRGPHRNPGPGDDD, is from internal region This antibody is expected to recognize isoform p19ARF (NP_034007.1) only.
<b>Applications</b>	Pep ELISA, WB  Species Tested: Mouse, Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 64000.
<b>Western Blot</b>	Western Blot: Approx 18kDa band observed in Mouse and Rat Liver lysates (calculated MW of 19.2kDa according to Mouse NP_034007.1 and 17.4kDa according to Rat NP_113738.1). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Zhang Y, Sturgis EM, Zafereo ME, Wei Q, Li G. p14ARF genetic polymorphisms and susceptibility to second primary malignancy in patients with index squamous cell carcinoma of the head and neck. Cancer. 2011 Mar 15;117(6):1227-35..PMID: 21381012->

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 ender users! This product is sold for **Research Use Only**