

Goat anti-Ogg1 (mouse) Antibody

Item Number	dAP-1138
Target Molecule	Principle Name: Ogg1 (mouse); Official Symbol: OGG1; All Names and Symbols: Ogg1; 8-oxoguanine DNA glycosylase; Mmh; Accession Number (s): NP_035087.2; Human Gene ID(s): ; Non-Human GeneID(s): 18294 (mouse) 81528 (rat)
Immunogen	HPKTSQAKGPSPLANK, is from internal region
Applications	Pep ELISA, WB, IHC Species Tested: Human, 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 128000.
Western Blot	Western Blot: Approx 37kDa band observed in Rat Spleen lysates (calculated MW of 38.7kDa according to Rat NP_110497.1 and 38.8kDa according to Mouse NP_035087.2). Recommended concentration: 0.1-0.3µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Kidney. Recommended concentration: 5µg/ml.
Reference	Reference(s): Kovtun IV, Liu Y, Bjoras M, Klungland A, Wilson SH, McMurray CT. OGG1 initiates age-dependent CAG trinucleotide expansion in somatic cells. <i>Nature</i> . 2007 May 24;447(7143):447-52. Epub 2007 Apr 22.. PMID: 17450122 ->

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**