

## Goat anti-AOF2 / LSD1 Antibody

Item Number	dAP-3096
Target Molecule	Principle Name: AOF2 / LSD1; Official Symbol: AOF2; All Names and Symbols: AOF2; amine oxidase (flavin containing) domain 2; BHC110; KDM1; KIAA0601; LSD1; BRAF35-HDAC complex protein BHC110; FAD-binding protein BRAF35-HDAC complex, 110 kDa subunit; lysine (K)-specific demethylase 1; lysine-specific histone demethylase 1; Accession Number (s): NP_055828.2; Human Gene ID(s): 23028; Non-Human GeneID(s):
Immunogen	KHWDQDDDFEFTGSH, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
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 16000.
Western Blot	Western Blot: Approx 110kDa band observed in Human Kidney lysate (calculated MW of 92.9kDa according to NP_055828.2). Recommended concentration: 0.5-1.5µg/ml.
IHC	

Reference	Reference(s): Perillo B, Ombra MN, Bertoni A, Cuozzo C, Sacchetti S, Sasso A, Chiariotti L, Malorni A, Abbondanza C, Avvedimento EV DNA oxidation as triggered by H3K9me2 demethylation drives estrogen-induced gene expression Science. 2008 Jan 11;319(5860):202-6.PMID: 18187655->
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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**