

Goat anti-JARID2 Antibody

Item Number	dAP-1948
Target Molecule	Principle Name: JARID2; Official Symbol: JARID2; All Names and Symbols: JARID2; jumonji, AT rich interactive domain 2; JMJ; OTTHUMP0000016058; jumonji homolog; jumonji, AT rich interactive domain 2 protein; jumonji-like protein; Accession Number (s): NP_004964.2; Human Gene ID(s): 3720; Non-Human GenelD(s): 16468 (mouse)
Immunogen	HRSAQDLRKQVSKVN, is from internal region
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 29kDa band in Mouse and Rat Spinal Cord and in Mouse Fetal Brain lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe.
IHC	
Reference	Reference(s): Bovill E, Westaby S, Reji S, Sayeed R, Crisp A, Shaw T. Induction by left ventricular overload and left ventricular failure of the human Jumonji gene (JARID2) encoding a protein that regulates transcription and reexpression of a protective fetal program. The Journal of thoracic and cardiovascular surgery

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**