

Goat anti-ABCC9 / SUR2 Antibody

Item Number	dAP-2602
Target Molecule	Principle Name: ABCC9 / SUR2; Official Symbol: ABCC9; All Names and Symbols: ABCC9; ATP-binding cassette, sub-family C (CFTR/MRP), member 9; ABC37; CMD10; FLJ36852; SUR2; ATP-binding cassette sub-family C member 9; ATP-binding cassette transporter sub-family C member 9; sulfonylurea receptor 2; sulfonylurea receptor 2A; Accession Number (s): NP_005682.2; NP_064693.2; Human Gene ID(s): 10060; Non-Human GeneID(s):
Immunogen	TSEYSINNTGKAD, is from internal region This antibody is expected to recognize isoforms SUR2A (NP_005682.2) and SUR2B (NP_064693.2).
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 90kDa band in Human Testis lysates and 100kDa in Rat Testis lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe
IHC	
Reference	Reference(s): Du Q, Jovanović S, Sukhodub A, Barratt E, Drew E, Whalley KM, Kay V, McLaughlin M, Telfer EE, Barratt CL, Jovanović A. Human oocytes express ATP-sensitive K(+) channels. Hum Reprod. 2010 Nov;25(11):2774-82..PMID: 20847183->

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**