

Goat anti-S100A8 Antibody

Item Number	dAP-2658
Target Molecule	Principle Name: S100A8; Official Symbol: S100A8; All Names and Symbols: S100A8; S100 calcium binding protein A8; 60B8AG; CAGA; CFAG; CGLA; CP-10; L1Ag; MA387; MIF; MRP8; NIF; P8; MRP-8; OT-THUMP00000015329; S100 calcium-binding protein A8 (calgranulin A); calgranulin A; calgranulin-A; calprotectin L1L subunit; cystic fibrosis ; Accession Number (s): NP_002955.2; Human Gene ID(s): 6279; Non-Human GeneID(s):
Immunogen	KGADVWFKELDINT, 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 32000.
Western Blot	Western Blot: Approx 11kDa band observed in Human Lung lysates (calculated MW of 10.8kDa according to NP_002955.2). Recommended concentration: 0.03-0.1µg/ml.
IHC	
Reference	Reference(s): Eggers K, Sikora K, Lorenz M, Taubert T, Moobed M, Baumann G, Stangl K, Stangl V. RAGE-dependent regulation of calcium-binding proteins S100A8 and S100A9 in human THP-1. Exp Clin Endocrinol Diabetes. 2011 Jun;119(6):353-7..PMID: 21472666->

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**