

## Goat anti-Psoriasin / S100A7 Antibody

<b>Item Number</b>	dAP-0854
<b>Target Molecule</b>	Principle Name: Psoriasin / S100A7; Official Symbol: S100A7; All Names and Symbols: S100A7; S100 calcium binding protein A7 (psoriasin 1) ; HGNC:10497; PSOR1; S100A7c ; S100 calcium-binding protein A7; S100 calcium-binding protein A7 (psoriasin 1); psoriasin 1; Psoriasin; Accession Number (s): NP_002954.1; Human Gene ID(s): 6278; Non-Human GeneID(s):
<b>Immunogen</b>	HKYTRRDDKIDKP, is from internal region
<b>Applications</b>	Pep ELISA, WB, IHC Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 15kDa band observed in Human Skin lysates (calculated MW of 11.5kDa according to NP_002954.1). Recommended concentration: 1-3µg/ml. In transfected HEK293 transiently expressing full-length Human S100A7 (myc and DYKDDDDK tagged), a
<b>IHC</b>	Immunohistochemistry: Paraffin embedded Human Tonsil. Recommended concentration: 3.75µg/ml.

**Reference** Reference(s): Webb M, Emberley ED, Lizardo M, Alowami S, Qing G, Alfia'ar A, Snell-Curtis LJ, Niu Y, Civetta A, Myal Y, Shiu R, Murphy LC, Watson PH. Expression analysis of the mouse S100A7/psoriasin gene in skin inflammation and mammary tumorigenesis. BMC Cancer. 2005 Feb 17;5(1):17. .PMID:

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**