

## Goat anti-OSBP Antibody

<b>Item Number</b>	dAP-0635
<b>Target Molecule</b>	Principle Name: OSBP; Official Symbol: OSBP; All Names and Symbols: OSBP; oxysterol binding protein ; HGNC:8503; OSBP1 ; Accession Number (s): NP_002547.1; Human Gene ID(s): 5007; Non-Human Gene-ID(s):
<b>Immunogen</b>	KHGLEETKKEKRTRIP, is from internal region
<b>Applications</b>	Pep ELISA, WB 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 85kDa band observed in Human Placenta lysates (calculated MW of 89.4kDa according to NP_002547). Recommended concentration: 0.1-0.3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Wang PY, Weng J, Anderson RG. OSBP is a cholesterol-regulated scaffolding protein in control of ERK 1/2 activation. Science. 2005 Mar 4;307(5714):1472-6. .PMID: 15746430 ->

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**