

## Anti-PSAP Rabbit pAb



WL04881

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-PSAP Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:1000-1:2000
<b>Pack size</b>	50/100/200/500/1000µl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

**Background**

The PSAP gene encodes prosaposin, a precursor of four small nonenzymatic glycoproteins termed 'sphingolipid activator proteins' (SAPs) that assist in the lysosomal hydrolysis of sphingolipids. Saposins A-D localize primarily to the lysosomal compartment where they facilitate the catabolism of glycosphingolipids with short oligosaccharide groups. The precursor protein exists both as a secretory protein and as an integral membrane protein and has neurotrophic activities. Mutations in this gene have been associated with Gaucher disease and metachromatic leukodystrophy.

**Immunogen**

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of PSAP.

**Purification**

Polyclonal antibody was purified by Protein A affinity chromatography.

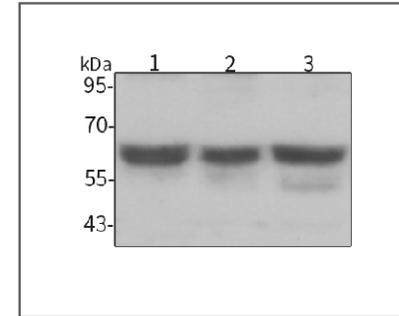
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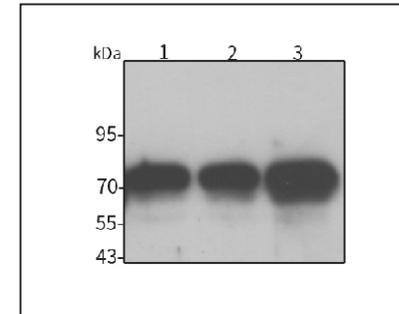
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## Product Images



## Western blot-Anti-PSAP pAb

Lane 1: Human HCT116 cell lysate  
 Lane 2: Human MBA-MD-231 cell lysate  
 Lane 3: Human A549 cell lysate  
 All lanes: Anti-PSAP at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 58 kDa  
 Observed band size: 60-80 kDa



## Western blot-Anti-PSAP pAb

Lane 1: Mouse colon tissue lysate  
 Lane 2: Mouse stomach tissue lysate  
 Lane 3: Rat small intestine tissue lysate  
 All lanes: Anti-PSAP at 1:1000 dilution  
 Lysates/proteins at 20-50 µg per lane.  
 Predicted band size: 58 kDa  
 Observed band size: 60-80 kDa