



# Ribosomal Protein S25 rabbit pAb

Cat No.:ES7107

For research use only

## Overview

<b>Product Name</b>	Ribosomal Protein S25 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	IHC;IF;ELISA
<b>Species</b>	Human;Mouse;Rat
<b>Cross-Reactivity</b>	
<b>Recommended dilutions</b>	WB 1:500-2000 ,Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human RPS25. AA range:76-125
<b>Specificity</b>	Ribosomal Protein S25 Polyclonal Antibody detects endogenous levels of Ribosomal Protein S25 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	40S ribosomal protein S25
<b>Gene Name</b>	RPS25
<b>Cellular localization</b>	nucleus,nucleoplasm,nucleolus,cytoplasm,cytosol,ribosome,small ribosomal subunit,cytosolic small ribosomal subunit,extracellular matrix,extracellular exosome,
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	
<b>Human Gene ID</b>	6230
<b>Human</b>	P62851
<b>Swiss-Prot Number</b>	
<b>Alternative Names</b>	RPS25; 40S ribosomal protein S25
<b>Background</b>	Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80





structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S25E family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008],

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using RPS25 Antibody. The picture on the right is blocked with the synthesized peptide.

