



## PHAX Polyclonal Antibody

Cat #: ABP55571

Size: 30µl /100µl /200µl

### Product Information

	<b>Product Name:</b> PHAX Polyclonal Antibody		
	<b>Applications:</b> WB, ELISA		<b>Isotype:</b> Rabbit IgG
	<b>Reactivity:</b> Human		
<b>REF</b>	<b>Catalog Number:</b> ABP55571	<b>LOT</b>	<b>Lot Number:</b> Refer to product label
	<b>Formulation:</b> Liquid		<b>Concentration:</b> 1 mg/ml
	<b>Storage:</b> Store at -20°C. Avoid repeated freeze / thaw cycles.		<b>Note:</b> Contain sodium azide.

**Background:** Small nuclear and small nucleolar RNAs (snRNAs and snoRNAs) are essential components of snRNPs and snoRNPs, and have a critical role in the maturation of, respectively, mRNAs and rRNAs within the nucleus of eukaryotic cells. Complex and specific pathways exist for the assembly of snRNPs and snoRNPs, involving, nucleocytoplasmic transport of snRNAs and intranuclear transport between compartments of snoRNAs. In metazoa, a subset of spliceosomal snRNAs are exported from the nucleus after transcription. This export occurs in a large complex containing a snRNA, the nuclear cap binding complex (CBC), RanGTP, the leucine-rich nuclear export signal receptor CRM1/Xpo1, and the recently identified phosphoprotein PHAX (phosphorylated adaptor for RNA export). PHAX contains a conserved single-stranded nucleic acid binding domain (RNA\_GG\_bind domain) with no sequence homology with any other known RNA-binding module [PMID: 15574332,11333016, 15574332].

**Application Notes:** Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ICC (1:200-1:1000), ELISA (1:40000). Not yet tested in other applications.

**Storage Buffer:** PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.

**Storage Instructions:** Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

**Note:** The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.

