

# LY6H Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57091

## Product Information

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<b>Application</b>	IHC-P, IHC-F, IF, ICC, E
<b>Primary Accession</b>	<a href="#">O94772</a>
<b>Reactivity</b>	Rat, Pig, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	14669

## Additional Information

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<b>Gene ID</b>	4062
<b>Other Names</b>	Lymphocyte antigen 6H, Ly-6H, LY6H
<b>Dilution</b>	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

## Protein Information

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<b>Name</b>	LY6H
<b>Function</b>	Believed to act as a modulator of nicotinic acetylcholine receptors (nAChRs) activity. In vitro inhibits alpha-3:beta-4- containing nAChRs maximum response. May play a role in the intracellular trafficking of alpha-7-containing nAChRs and may inhibit their expression at the cell surface. Seems to inhibit alpha-7/CHRNA7 signaling in hippocampal neurons.
<b>Cellular Location</b>	Cell membrane; Lipid-anchor, GPI- anchor
<b>Tissue Location</b>	Highly expressed in brain (cerebral cortex, amygdala, hippocampus and subthalamic nucleus) and in acute human leukemic cell line MOLT-3. Also found in lower levels in testis, pancreas, small intestine and colon

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.