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# LIMK1/2 (Phospho-Thr508/505) Antibody

货号: **AYP4033**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC ELISA
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	33kDa/68kDa/70kDa/72kDa
实测分子量	72kD
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

## 抗原信息

抗原信息	Synthesized peptide derived from Human LIMK1/2 (Phospho-Thr508/505).
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## 靶点信息

研究背景	There are approximately 40 known eukaryotic LIM proteins, so named for the LIM domains they contain. LIM domains are highly conserved cysteine-rich structures containing 2 zinc fingers. Although zinc fingers usually function by binding to DNA or RNA, the LIM motif probably mediates protein-protein interactions. LIM kinase-1 and LIM kinase-2 belong to a small subfamily with a unique combination of 2 N-terminal LIM motifs and a C-terminal protein kinase domain. LIMK1 is a serine/threonine kinase that regulates actin polymerization via phosphorylation and inactivation of the actin binding factor cofilin. This protein is ubiquitously expressed during development and plays a role in many cellular processes associated with cytoskeletal structure. This protein also stimulates axon growth and may play a role in brain development. LIMK1 hemizyosity is implicated in the impaired visuospatial constructive cognition of Williams syndrome. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
基因ID	3984
基因名	LIMK1
Swiss	P53667 ( <a href="https://www.uniprot.org/uniprotkb/P53667/entry">https://www.uniprot.org/uniprotkb/P53667/entry</a> )
别名	LIMK1,LIMK,LIMK-1,LIMK1/2 (Phospho-Thr508/505),LIMK1/2 (Phospho-Thr508/505) Antibody

## 产品验证

## 实验步骤

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