

Product datasheet

Anti-IKK beta antibody ab7611

1 References

概述

产品名称	Anti-IKK beta抗体
描述	兔多克隆抗体to IKK beta
宿主	Rabbit
特异性	Control peptide (ab 7612) will compete only with the specific reaction of antiserum with the IKKb subunit.
经测试应用	适用于: WB, IP, ELISA, Dot blot
种属反应性	与反应: Mouse, Rat, Human
免疫原	Synthetic peptide corresponding to IKK beta (C terminal) conjugated to Keyhole Limpet Haemocyanin (KLH).
阳性对照	HeLa cell lysate.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: 0.01% Sodium Azide
纯度	Whole antiserum
纯化说明	This product was prepared from monospecific antiserum by delipidation and defibrination.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab7611** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		

应用	Ab评论	说明
IP		
ELISA		
Dot blot		
应用说明	<p>Dot: Use at an assay dependant dilution.</p> <p>ELISA: Use at an assay dependant dilution.</p> <p>IP: Use at an assay dependant dilution.</p> <p>WB: 1/1000. Detects a band of approximately 87 kDa.</p> <p>Not tested in other applications.</p> <p>Optimal dilutions/concentrations should be determined by the end user.</p>	
靶标		
功能	Acts as part of the IKK complex in the conventional pathway of NF-kappa-B activation and phosphorylates inhibitors of NF-kappa-B thus leading to the dissociation of the inhibitor/NF-kappa-B complex and ultimately the degradation of the inhibitor. Also phosphorylates NCOA3.	
组织特异性	Highly expressed in heart, placenta, skeletal muscle, kidney, pancreas, spleen, thymus, prostate, testis and peripheral blood.	
序列相似性	Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. I-kappa-B kinase subfamily. Contains 1 protein kinase domain.	
翻译后修饰	<p>Upon cytokine stimulation, phosphorylated on Ser-177 and Ser-181 by MEKK1 and/or MAP3K14/NIK; which enhances activity. Once activated, autophosphorylates on the C-terminal serine cluster; which decreases activity and prevents prolonged activation of the inflammatory response.</p> <p>Acetylation of Thr-180 by Yersinia yopJ prevents phosphorylation and activation, thus blocking the I-kappa-B pathway.</p> <p>Ubiquitinated. Monoubiquitination involves TRIM21 that leads to inhibition of Tax-induced NF-kappa-B signaling. According to PubMed:19675099, 'Ser-163' does not serve as a monoubiquitination site. According to PubMed:16267042, ubiquitination on 'Ser-163' modulates phosphorylation on C-terminal serine residues. Monoubiquitination by TRIM21 is disrupted by Yersinia yopJ.</p>	
细胞定位	Cytoplasm. Membrane raft. Colocalized with DPP4 in membrane rafts.	

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