



### Anti-ErbB3 / HER3 antibody ab34641

**3 References**   **1 图像**

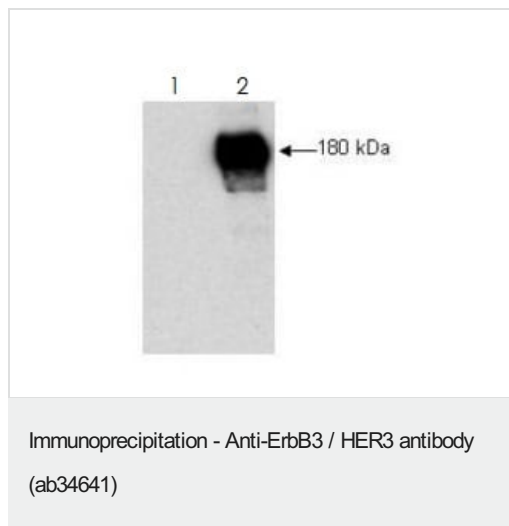
#### 概述

产品名称	Anti-ErbB3 / HER3抗体
描述	兔多克隆抗体to ErbB3 / HER3
宿主	Rabbit
经测试应用	适用于: IP
种属反应性	与反应: Human
免疫原	<p>Fusion protein corresponding to Human ErbB3/ HER3 aa 1250-1350. ErbB3/ HER3 fusion protein: PASEQGYE E MRAFQGPGH QAPHVHYARL KTLRSLEAT D SAF, corresponding to C terminal amino acids 1283-1323 of Human ErbB3/ HER3</p> <p>Database link: <a href="#">P21860</a></p> <p> <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a></p>
阳性对照	IP: LNCap prostate cell line treated with Heregulin-beta1.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	<p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 0.42% Potassium phosphate, 0.87% Sodium chloride</p>
纯度	Protein A purified
纯化说明	This product is an IgG fraction antibody purified from monospecific antiserum by Protein A chromatography followed by cross adsorption against GST and extensive dialysis against the storage buffer.
克隆	多克隆

同种型	IgG	
应用		
The Abpromise guarantee <b>Abpromise™</b> 承诺保证使用ab34641于以下的经测试应用		
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。		
应用	Ab评论	说明
IP		Use at an assay dependent concentration. Use 5µg. The immunoprecipitation mix contained the antibody, 25 µl of Protein A-agarose beads and 1.0 ml of lysate (lysate contains approximately 1.0 mg of total protein).
靶标		
功能	Binds and is activated by neuregulins and NTAK.	
组织特异性	Epithelial tissues and brain.	
疾病相关	Defects in ERBB3 are the cause of lethal congenital contracture syndrome type 2 (LCCS2) [MIM:607598]; also called Israeli Bedouin multiple contracture syndrome type A. LCCS2 is an autosomal recessive neurogenic form of a neonatally lethal arthrogryposis that is associated with atrophy of the anterior horn of the spinal cord. The LCCS2 syndrome is characterized by multiple joint contractures, anterior horn atrophy in the spinal cord, and a unique feature of a markedly distended urinary bladder. The phenotype suggests a spinal cord neuropathic etiology.	
序列相似性	Belongs to the protein kinase superfamily. Tyr protein kinase family. EGF receptor subfamily. Contains 1 protein kinase domain.	
发展阶段	Overexpressed in a subset of human mammary tumors.	
结构域	The cytoplasmic part of the receptor may interact with the SH2 or SH3 domains of many signal-transducing proteins.	
翻译后修饰	Ligand-binding increases phosphorylation on tyrosine residues and promotes its association with the p85 subunit of phosphatidylinositol 3-kinase.	
细胞定位	Secreted and Cell membrane.	



**All lanes :** Anti-ErbB3 / HER3 antibody (ab34641) (used at 5ul for immunoprecipitation followed by immunoblot detection using an anti-phosphotyrosine antibody)

**Lane 1 :** LNCap prostate cell line no treatment

**Lane 2 :** LNCap prostate cell line treated with Heregulin beta1 for 15mins at 100ng/ml

Developed using the ECL technique.

**Observed band size:** 180 kDa

**Exposure time:** 1 minute

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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