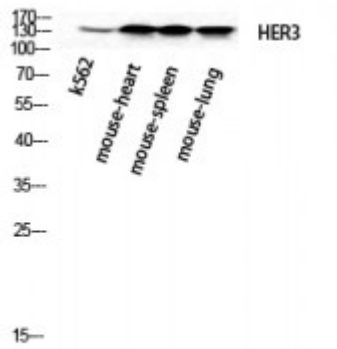
Anti-ErbB-3 antibody



Description	Rabbit polyclonal to ErbB-3.

Model	STJ92976
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human ErbB-3
Immunogen Region	1-80 aa, N-terminal
Gene ID	2065
Gene Symbol	ERBB3
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:20000
Specificity	ErbB-3 Polyclonal Antibody detects endogenous levels of ErbB-3 protein.
Tissue Specificity	Epithelial tissues and brain.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Receptor tyrosine-protein kinase erbB-3 Proto-oncogene-like protein c-ErbB-3 Tyrosine kinase-type cell surface receptor HER3
Molecular Weight	148 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:3431OMIM:190151
Alternative Names	Receptor tyrosine-protein kinase erbB-3 Proto-oncogene-like protein c-ErbB-3 Tyrosine kinase-type cell surface receptor HER3
Function	Tyrosine-protein kinase that plays an essential role as cell surface receptor for neuregulins. Binds to neuregulin-1 (NRG1) and is activated by it; ligand-binding increases phosphorylation on tyrosine residues and promotes its association with the p85 subunit of phosphatidylinositol 3-kinase . May also be activated by CSPG5 .
Sequence and Domain Family	The cytoplasmic part of the receptor may interact with the SH2 or SH3 domains of many signal-transducing proteins.
Cellular Localization	Isoform 1: Cell membrane. Single-pass type I membrane protein.. Isoform 2: Secreted.
Post-translational Modifications	Autophosphorylated . Ligand-binding increases phosphorylation on tyrosine residues and promotes its association with the p85 subunit of phosphatidylinositol 3-kinase .