

Rabbit Phospho-EphA2 (S897) Polyclonal Antibody | anti-EPHA2 antibody

Phospho-EphA2 (S897) Antibody

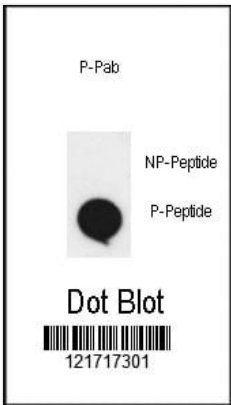
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290118	Rabbit	Human (Predicted Reactivity: Monkey, Mouse)	ELISA, Dot Blot, Western Blot

PRODUCT SYNONYMS

Phospho-EphA2 (S897); Polyclonal Antibody; Phospho-EphA2 (S897) Antibody; Ephrin type-A receptor 2; Epithelial cell kinase; Tyrosine-protein kinase receptor ECK; EPHA2; ECK; anti-EPHA2 antibody

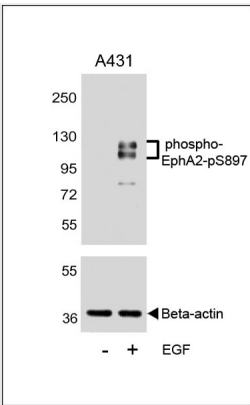
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Monkey, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This EphA2 Antibody is generated from rabbits immunized with a KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S897 of human EphA2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.35 (varies by lot)
Sequence Length	497
Applicable Applications for anti-EPHA2 antibody	ELISA, DB (Dot Blot), WB (Western Blot)
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



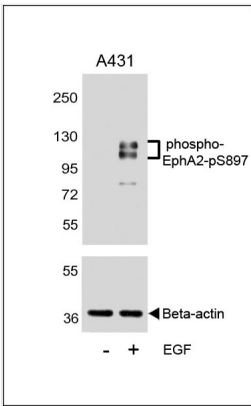
DB (Dot Blot)

Dot blot analysis of anti-phospho-EphA2-pS897 Phospho-specific Pab on nitrocellulose membrane. 50ng of Phospho-peptide or Non Phospho-peptide per dot were adsorbed. Antibody working concentrations are 0.5ug per ml.



WB (Western Blot)

Western blot analysis of EphA2 Antibody (pS897) Pab (RB21717) pre-incubated without (lane 1) and with (lane 2) FBS in HA cell line lysate. EphA2 Antibody (pS897) (arrow) was detected using the purified Pab (Kindly provided by Dr. John Wu).



WB (Western Blot)

Western blot analysis of lysates from A431 cell line, untreated or treated with EGF, 100ng/ml, using phospho-EphA2 Antibody (pS897) (upper) or Beta-actin (lower).

ADDITIONAL INFORMATION

Related Product Information for anti-EPHA2 antibody	EphA2 belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. This gene encodes a protein that binds ephrin-A ligands.
Product Categories/Family for anti-EPHA2 antibody	Crown Antibodies; Cell Biology; Autophagy
References	Larsen, A.B., et al. Cell. Signal. 22(4):636-644(2010) Salaita, K., et al. Science 327(5971):1380-1385(2010) Zhuang, G., et al. Cancer Res. 70(1):299-308(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	32967311
NCBI GeneID	1969
NCBI Accession #	NP_004422.2
NCBI GenBank Nucleotide #	NM_004431.3

UniProt Accession #	P29317 ; Q8N3Z2 ; B5A968
Molecular Weight	108266
NCBI Official Full Name	ephrin type-A receptor 2
NCBI Official Synonym Full Names	EPH receptor A2
NCBI Official Symbol	EPHA2
NCBI Official Synonym Symbols	ECK; CTPA; ARCC2; CTPP1; CTRCT6
NCBI Protein Information	ephrin type-A receptor 2
UniProt Protein Name	Ephrin type-A receptor 2
UniProt Gene Name	EPHA2
UniProt Synonym Gene Names	ECK
UniProt Entry Name	EPHA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/phospho-epha2-s897-antibody-dot-blot-western-blot-elisa/290118>