bs-3126R **[Primary Antibody]**

phospho-EphA2 (Tyr594) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 1969 **SWISS:** P29317

Target: EphA2 (Tyr594)

Immunogen: KLH conjugated Synthesised phosphopeptide derived from human EphA2 around the phosphorylation site of Tyr594: HT(p-Y)ED.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene 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. Mutations in this gene are the cause of certain genetically-related cataract disorders.[provided by RefSeq, May 2010].

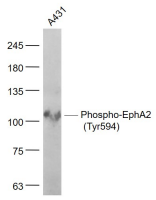
Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse)

Predicted MW.: 105 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: A431(Human) Cell Lysate at 30 ug Primary: Anti- Phospho-EphA2 (Tyr594) (bs-3126R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 105 kD Observed band size: 105 kD