bs-25280R **[Primary Antibody]**

EPHB6 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 2051 **SWISS:** O15197

Target: EPHB6

Immunogen: KLH conjugated synthetic peptide derived from human EphB6: 381-480/1021. < Extracellular >

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: Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of 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. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. The ephrin receptor encoded by this gene lacks the kinase activity of most receptor tyrosine kinases and binds to ephrin-B ligands. [provided by RefSeq, Jul 2008].

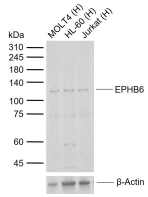
Applications: **WB** (1:500-2000)

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

Predicted MW.: 111 kDa

Subcellular Location: Secreted ,Cell membrane

VALIDATION IMAGES



Sample: Lane 1: Human MOLT4 cell lysates Lane 2: Human HL-60 cell lysates Lane 3: Human Jurkat cell lysates Primary: Anti-EPHB6 (bs-25280R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 111 kDa Observed band size: 120 kDa

SELECTED CITATIONS

- **[IF=2.8]** Rubinfeld Hadara. et al. Erythropoietin-producing hepatocellular receptor B6 is highly expressed in non-functioning pituitary neuroendocrine tumors and its expression correlates with tumor size. MOL BIOL REP. 2024 Dec;51(1):1-9 IHC ;Human. 38341842