BCAM Polyclonal Antibody(Capture/Detector)

catalog number: AN003140P

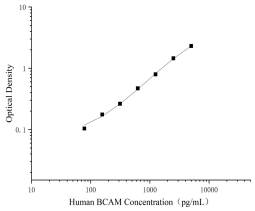
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

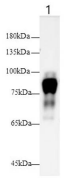
Reactivity	Human
Immunogen	Recombinant Human BCAM Protein expressed by Mammalian
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications	Recommended Dilution
ELISA Capture	2-8 μg/mL
ELISA Detector	0.1-0.4 μg/mL
WB	1:500-1:1000

Data



Sandwich ELISA-Recombinant Human BCAM Protein standard curve.Background subtracted standard curve using Anti-BCAM antibody(AN003140P)(Capture),Anti-BCAM antibody(AN003140P)(Detector).The reference range value is 78~5000pg/mL for human.



Western blot with Anti BCAM Polyclonal antibody at dilution of 1:1000. Lane 1: A431 cell lysate, Lane 2: LnCap cell lysate.

Observed-MV:85 kDa

Calculated-MV:67 kDa

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

This gene encodes Lutheran blood group glycoprotein, a member of the immunoglobulin superfamily and a receptor for the extracellular matrix protein, laminin. The protein contains five extracellular immunoglobulin domains, a single transmembrane domain, and a short C-terminal cytoplasmic tail. This protein may play a role in epithelial cell cancer and in vaso-occlusion of red blood cells in sickle cell disease. Polymorphisms in this gene define some of the antigens in the Lutheran system and also the Auberger system. Inactivating variants of this gene result in the recessive Lutheran null phenotype, Lu(a-b-), of the Lutheran blood group. Two transcript variants encoding different isoforms have been found for this gene.

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