
CHAD Rabbit pAb

Catalog Number: bs-13884R

Target Protein: CHAD

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ICC/IF (1:100-500), ELISA (1:5000-10000)

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

Predicted MW: 38 kDa

Entrez Gene: 1101

Swiss Prot: O15335

Source: KLH conjugated synthetic peptide derived from human CHAD: 281-359/359.

Purification: affinity purified by Protein A

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: CHAD is implicated in the adhesion of fibroblasts, osteoblasts and chondrocytes, which is mediated by interactions with Integrin $\alpha 2/\beta 1$. Existing primarily in monomeric form, CHAD is a secreted protein that localizes to the extracellular matrix and belongs to the small leucine-rich proteoglycan (SLRP) family and class IV subfamily. CHADL (Chondroadherin-like protein) is a 762 amino acid protein containing 21 LRR (leucine-rich) repeats, which promote protein-ligand interactions. Chondroadherin, a closely related protein, promotes attachment of chondrocytes, osteoblasts and fibroblasts and also plays an important role in the regulation of chondrocyte proliferation and growth. CHADL is a secreted protein that is located in the extracellular space. There are two isoforms of CHADL that exist as a result of alternative splicing events.