bs-8856R **[Primary Antibody]**

OIP-5/CT86 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 11339 **SWISS:** O43482

Target: OIP-5/CT86

Immunogen: KLH conjugated synthetic peptide derived from human OIP-5: 131-229/229.

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: OIP5 is a 229 amino acid nuclear protein that is required for chromosome segregation during mitosis. OIP5 exists as a homodimer but can also heterodimerize with FASP1 (FAPP1-associated protein 1). Essential for the recruitment of CENP-A (centromere autoantigen A) to centromeres, OIP5 localizes to centromeres of interphase cells during late anaphase and G1. The gene encoding OIP5 maps to human chromosome 15, which houses over 700 genes and comprises nearly 3% of the human genome. Angelman syndrome, Prader-Willi syndrome, Tay-Sachs disease and Marfan syndrome are all associated with defects in chromosome 15-localized genes.

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

Predicted MW.: 25 kDa

Subcellular Location: Cytoplasm ,Nucleus

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.