



PRODUCT DATA SHEET

Bioworld Technology, Inc.

hbae1 polyclonal antibody

Catalog: BS32798

Host: Rabbit

Reactivity: Zebrafish

BackGround:

HBAE1 (hemoglobin alpha embryonic 1) encodes an embryonic alpha-like globin chain that forms part of embryonic hemoglobin (Hb Gower-1 and Hb Portland). Embryonic hemoglobins are expressed during early development and are replaced by fetal and adult hemoglobins as development proceeds. This protein is studied in hematopoiesis and developmental biology.

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~15.6 kDa

Swiss-Prot:

Q7ZT21

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

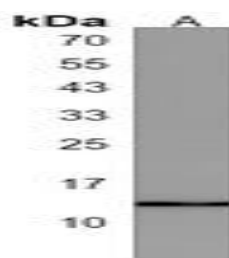
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of hbae1 protein.

DATA:



Western blot analysis of PDGFB expression in A375 (A) whole cell lysates.

Immunohistochemical analysis of PDGFB staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Immunofluorescent analysis of PDGFB staining in A375 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

For research use only, not for use in diagnostic procedure.

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