

HBE1 Polyclonal Antibody

Catalog Number:E-AB-18898



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

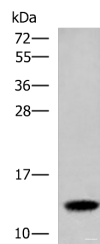
Description

Reactivity	Human
Immunogen	Fusion protein of human HBE1
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4

Applications Recommended Dilution

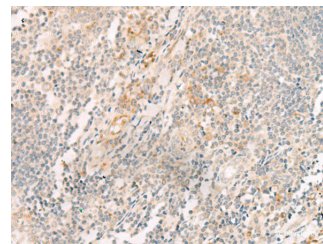
WB	1:500-1:2000
IHC	1:30-1:150
ELISA	1:5000-1:10000

Data



Western blot analysis of Human placenta tissue lysate using HBE1 Polyclonal Antibody at dilution of 1:300

Observed Mw:Refer to figures
Calculated Mw:16 kDa



Immunohistochemistry of paraffin-embedded Human tonsil tissue using HBE1 Polyclonal Antibody at dilution of 1:30(x200)

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

The hemoglobin molecule is a tetramer consisting of two α -globin-like polypeptide chains and two β -globin-like chains. The human hemoglobin genes are expressed in a tightly developmentally controlled fashion. ϵ -globin (HBE1) is the predominantly expressed gene during the embryonic stage. The epsilon hemoglobin chain seems to be the best marker for fetal nucleated red blood cells (NRBCs). Anti-HBE1 may be used to label and isolate fetal cells from maternal blood and can be useful in prenatal diagnosis. This antibody specifically recognizes the HBE1 and doesn't cross-react with other globin chains.

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