

CD240d Polyclonal Antibody

Catalog No: YT5626

Reactivity: Human; Rat; Mouse;

Applications: WB;ELISA

Target: CD240d

Gene Name: RHD

Protein Name: Blood group Rh(D) polypeptide

Q02161

Q8CF94

Human Gene Id: 6007

Human Swiss Prot

No:

Mouse Gene Id: 19746

Mouse Swiss Prot

No:

Rat Gene ld: 60414

Rat Swiss Prot No: 088298

Immunogen: Synthesized peptide derived from Blood group Rh(D) polypeptide at AA range:

161-210

Specificity: CD240d Polyclonal Antibody detects endogenous levels of CD240d protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 45kD

Location:

Background: The Rh blood group system is the second most clinically significant of the blood

groups, second only to ABO. It is also the most polymorphic of the blood groups, with variations due to deletions, gene conversions, and missense mutations. The Rh blood group includes this gene, which encodes the RhD protein, and a second gene that encodes both the RhC and RhE antigens on a single polypeptide. The two genes, and a third unrelated gene, are found in a cluster on chromosome 1. The classification of Rh-positive and Rh-negative individuals is determined by the presence or absence of the highly immunogenic RhD protein on the surface of erythrocytes. Multiple transcript variants encoding different isoforms have been

found for this gene. [provided by RefSeq, Jul 2008],

Function: function: May be part of an oligomeric complex which is likely to have a transport

or channel function in the erythrocyte membrane.,online information:Blood group antigen gene mutation database,polymorphism:RHD and RHCE are responsible for the Rh blood group system. The molecular basis of the Tar=Rh40 blood group antigen is a polymorphism in position 110.,similarity:Belongs to the ammonium transporter (TC 2.A.49) family. Rh subfamily.,tissue specificity:Restricted to

tissues or cell lines expressing erythroid characters.,

Subcellular Cell membrane ; Multi-pass membrane protein .

Expression : Restricted to tissues or cell lines expressing erythroid characters.

Sort : 3490

No4: <u>1</u>

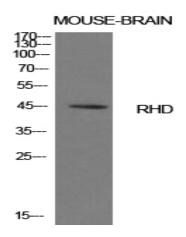
Host: Rabbit

Modifications: Unmodified

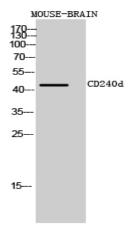
Products Images

2/3





Western Blot analysis of mouse brain cells using CD240d Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western Blot analysis of MOUSE-BRAIN cells using CD240d Polyclonal Antibody diluted at 1:1000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000