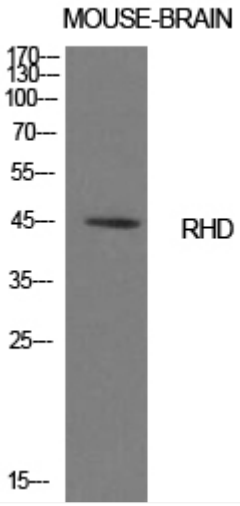
CD240d Polyclonal Antibody

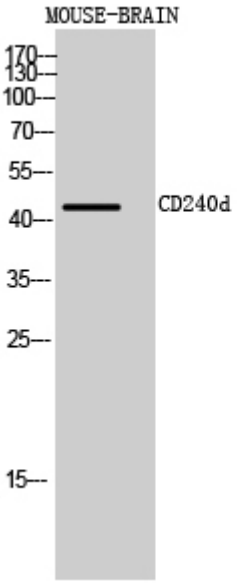
Catalog No	YP-Ab-14072
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	RHD
Protein Name	Blood group Rh(D) polypeptide
Immunogen	Synthesized peptide derived from Blood group Rh(D) polypeptide at AA range: 161-210
Specificity	CD240d Polyclonal Antibody detects endogenous levels of CD240d protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RHD; Blood group Rh(D) polypeptide; RHXIII; Rh polypeptide 2; RhPII; Rhesus D antigen; CD240D
Observed Band	45kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein .
Tissue Specificity	Restricted to tissues or cell lines expressing erythroid characters.
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.,
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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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