HERV (ERVWE1) Antibody (Center)

Catalog_no： AB2096

Reactivity： H

Category： 抗原抗体

Size： 100μL/50μL

Immunogen： HUMAN:400-429

Specificity： This HERV (ERVWE1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 400-429 amino acids from the Central region of human HERV (ERVWE1).

Dilution： WB,1:1000;IHC-P,1:100;

Purification： Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Other_name： Syncytin-1, Endogenous retrovirus group W member 1, Env-W, Envelope polyprotein gPr73, Enverin, HERV-7q Envelope protein, HERV-W envelope protein, HERV-W_7q212 provirus ancestral Env polyprotein, Syncytin, Surface protein, SU, gp50, Transmembrane protein, TM, gp24, ERVW-1, ERVWE1

Isotype： Rabbit Ig

Background： Many different human endogenous retrovirus (HERV) families are expressed in normal placental tissue at high levels, suggesting that HERVs are functionally important in reproduction. The protein, also known as syncytin, is expressed in the placental syncytiotrophoblast and is involved in fusion of the cytotrophoblast cells to form the syncytial layer of the placenta. This protein has the characteristics of a typical retroviral envelope protein, including a furin cleavage site that separates the surface (SU) and transmembrane (TM) proteins which form a heterodimer.

reference： Oluwole,S.O., Amyotroph Lateral Scler 8 (2), 67-72 (2007) Gong,R., Cell. Physiol. Biochem. 20 (5), 517-526 (2007) Antony,J.M., AIDS Res. Hum. Retroviruses 22 (12), 1253-1259 (2006)