



Goat anti-ERV3 Antibody

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| Item Number | dAP-2264 |
| Target Molecule | Principle Name: ERV3; Official Symbol: ERV3; All Names and Symbols: ERV3; endogenous retroviral sequence 3 (includes zinc finger protein H-plk/HPF9); ERV-R; H-PLK; HERV-R; ERV-3 envelope protein; endogenous retroviral sequence 3; envelope polyprotein; Accession Number (s): NP_001007254.2; Human Gene ID(s): 2086; Non-Human GeneID(s): |
| Immunogen | PQDNFTLTASS, is from internal region |
| Applications | Pep ELISA, IHC Species Tested: Human |
| Purification | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Supplied As | lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| Peptide ELISA | Peptide ELISA: antibody detection limit dilution 1 to 4000. |
| Western Blot | Western Blot: Preliminary experiments gave an approx 30kDa band in Human Placenta lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 67.9 |
| IHC | Immunohistochemistry: Paraffin embedded Human Placenta. Recommended concentration: 3.75µg/ml. |
| Reference | Reference(s): Andersson AC, Yun Z, Sperber GO, Larsson E, Blomberg J, ERV3 and related sequences in humans: structure and RNA expression. Journal of virology 2005 Jul 79 (14): 9270-84..PMID: 15994821-> |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**