

Goat anti-DDX41 (aa468-480) Antibody

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| Item Number | dAP-3087 |
| Target Molecule | Principle Name: DDX41 (aa468-480); Official Symbol: DDX41; All Names and Symbols: DDX41; DEAD (Asp-Glu-Ala-Asp) box polypeptide 41; ABS; 2900024F02Rik; DEAD box protein 41; DEAD box protein abstrakt homolog; DEAD-box protein abstrakt; probable ATP-dependent RNA helicase DDX41; putative RNA helicase; Accession Number (s): NP_057306.2; Human Gene ID(s): 51428; Non-Human GenID(s): 72935 (mouse) 314336 (rat) |
| Immunogen | QEERTKAIEAFRE, is from internal region |
| Applications | Pep ELISA, WB 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 128000. |
| Western Blot | Western Blot: Approx 85kDa band observed in Human Bone Marrow lysates (calculated MW of 69.8kDa according to NP_057306.2). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended |
| IHC | |
| Reference | Reference(s): Zhang Z, Yuan B, Bao M, Lu N, Kim T, Liu YJ. The helicase DDX41 senses intracellular DNA mediated by the adaptor STING in dendritic cells. <i>Nature immunology</i> 2011 Oct 12 (10): 959-65..PMID: 21892174-> |

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 end users! This product is sold for **Research Use Only**