

Goat anti-Desmin Antibody

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| Item Number | dAP-1657 |
| Target Molecule | Principle Name: Desmin; Official Symbol: DES; All Names and Symbols: DES; desmin; CMD11; CSM1; CSM2; FLJ12025; FLJ39719; FLJ41013; FLJ41793; intermediate filament protein; Accession Number (s): NP_001918.3; Human Gene ID(s): 1674; Non-Human GeneID(s): 13346 (mouse) 64362 (rat) |
| Immunogen | RDGEVVSEATQQQHE, is from C Terminus |
| Applications | Pep ELISA, WB Species Tested: Human, Mouse, Rat, Pig |
| 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: Approx 55-60kDa band observed in Human, Mouse, Rat and Pig Skeletal Muscle lysates (calculated MW of 53.5kDa according to Human NP_001918.3, Mouse NP_034173.1, Rat NP_071976.1 and 53.6kDa according to Pig NP_001001535.1). Recommended concn |
| IHC | |
| Reference | Reference(s): Chen F, Chang R, Trivedi M, Capetanaki Y, Cryns VL. Caspase proteolysis of desmin produces a dominant-negative inhibitor of intermediate filaments and promotes apoptosis. J Biol Chem. 2003 Feb 28;278(9):6848-53..PMID: 12477713-> |

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**