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Product Datasheet

Anti-Human Nanog Antibody, Rabbit, Polyclonal ABT-ABG10425-U050

Article Name	Anti-Human Nanog Antibody, Rabbit, Polyclonal
Biozol Catalog Number	ABT-ABG10425-U050
Supplier Catalog Number	ABG10425-U050
Alternative Catalog Number	ABT-ABG10425-U050-50UG
Manufacturer	Abcepta
Host	Rabbit
Category	Antikörper
Application	ELISA, IHC, WB
Species Reactivity	Human
Clonality	Polyclonal
Purity	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hNanog. Anti-Human Nanog specific antibody was purified by affinity chromatography employing immobilized hNanog matrix.
Form	A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.
Antibody Type	Polyclonal Antibody

Application Notes

WesternBlot: To detect hNanog by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hNanog is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions..

Sandwich: To detect hNanog by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems Biotinylated Anti-Human Nanog (60-240BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hNanog..

Immunohistochemistry: This antibody stained formalin-fixed, paraffin-embedded sections of human prostate malignant adenocarcinoma. The recommended concentration is 0.5 mg/ml with an overnight incubation at 4C. An alkaline phosphatase-labeled polymer detection system was used with a non-alcohol soluble red chromogen. Heat induced antigen retrieval with a pH 6.0 sodium citrate buffer is recommended. Optimal concentrations and conditions may vary..

Reconstitution: Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.