

Nanog Monoclonal Antibody

CAB22625

Description

This Nanog Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

| | |
|----------------------|---|
| SKU: | CAB22625 |
| Contents: | 20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml) |
| Category: | Monoclonal Antibody |
| Synonyms: | NANOG, Nanog |
| Clone: | ARC58438 |
| Applications: | WB ELISA IF-P |
| Conjugation: | Unconjugated |
| Reactivity: | Human, Mouse, Rat |

Antibody Data

| | |
|-----------------------|-----------------------|
| Gene ID: | 79923 |
| Uniprot: | - |
| Host Species: | Rabbit |
| Purification: | Affinity purification |
| Observed MW: | 37kDa,42kDa |
| Calculated MW: | 35kDa |

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.

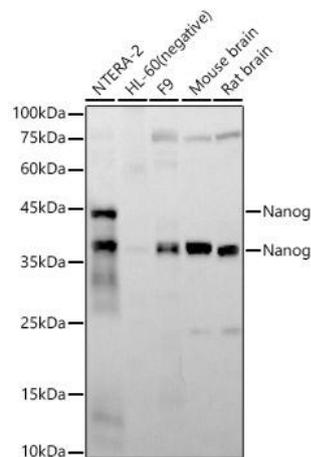
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: NTERA-2, F9, Mouse brain, Rat brain

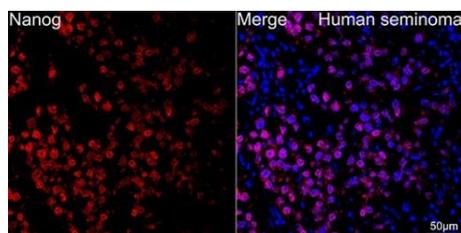
| | | |
|-------------------------------|--------------|---|
| Recommended Dilutions: | WB | 1:5000 - 1:20000 |
| | IF-P | 1:50 - 1:200 |
| | ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

Validation Data



Western blot analysis of various lysates, using Nanog Rabbit mAb (CAB22625) at 1:10000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Negative control (NC): HL-60. Exposure time: 60s.



Confocal imaging of paraffin-embedded Human seminoma tissue using Nanog Rabbit mAb (CAB22625, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (CABS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.