

[KO Validated] JAK1 Antibody

CAB18323

Description

This [KO Validated] JAK1 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: | CAB18323 |
| Contents: | 20 μ L, 100 μ L Bradford Reagent: 1 vial (2ml) |
| Category: | Polyclonal Antibody |
| Synonyms: | JTK3, AIIDE, JAK1A, JAK1B, JAK1 |
| Clone: | - |
| Applications: | WB IF/ICC ELISA |
| Conjugation: | - |
| Reactivity: | Human, Mouse, Rat |

Antibody Data

| | |
|-----------------------|-----------------------|
| Gene ID: | 3716 |
| Uniprot: | AB_2862095 |
| Host Species: | Rabbit |
| Purification: | Affinity purification |
| Observed MW: | 130kDa |
| Calculated MW: | 133kDa |

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

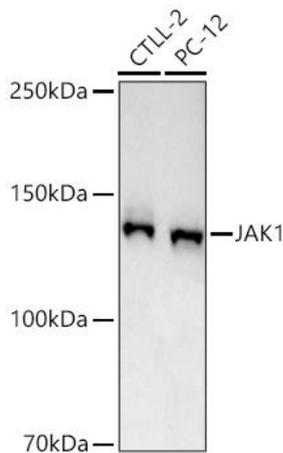
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: CTLL-2, PC-12

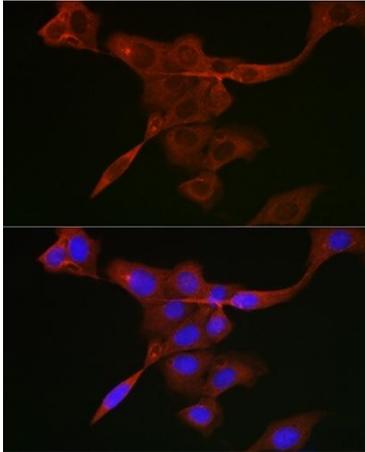
| | | |
|-------------------------------|---------------|---|
| Recommended Dilutions: | WB | 1:1000 - 1:5000 |
| | IF/ICC | 1:100 - 1:500 |
| | ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

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 Rabbit pAb (CAB18323) at 1:5000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 60s.



Immunofluorescence analysis of U2OS cells using Rabbit pAb (CAB18323) at dilution of 1:300 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.