

## CITED4 Ab

[Images\(3\)](#)

Cat.#: DF2451                      Concn.: ~1mg/ml                      Mol.Wt.: 32 kDa  
Size:                                      Source: Rabbit                          Clonality: Polyclonal

**Application:**                      WB 1:500-1:2000, IHC 1:50-1:200  
\*The optimal dilutions should be determined by the end user.

**Reactivity:**                        Human,Mouse,Rat

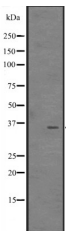
**Storage:**                          Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

**Purification:**                      The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

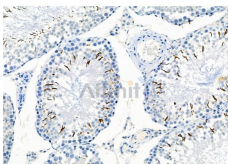
**Immunogen:**                        A synthesized peptide derived from human CITED4, corresponding to a region within the internal amino acids.

**Uniprot:**                            Q96RK1

**Description:**                        Acts as transcriptional coactivator for TFAP2/AP-2. Enhances estrogen-dependent transactivation mediated by estrogen receptors. May function as an inhibitor of transactivation by HIF1A by disrupting HIF1A interaction with CREBBP. May be involved in regulation of gene expression during development and differentiation of blood cells, endothelial cells and mammary epithelial cells.



Western blot analysis of CITED4 expression in MCF7 Cell Lysate .



DF2451 at 1/100 staining Rat testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab

---

in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,  
overnight.

---

For Research Use Only. Not for use in diagnostic and therapeutic  
procedures. Not for resale without express authorization.