

## Dysferlin Ab

[Images\(5\)](#)

Cat.#: AF0150                      Concn.: ~1mg/ml                      Mol.Wt.: 240kDa  
Size:                                      Source: Rabbit                              Clonality: Polyclonal

**Application:**                      WB 1:500-1:3000, IF/ICC 1:100-1:500, IHC 1:50-1:200  
\*The optimal dilutions should be determined by the end user.

**Reactivity:**                      Human,Mouse,Rat

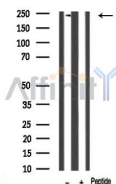
**Storage:**                          Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

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

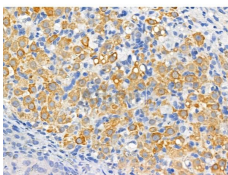
**Immunogen:**                      A synthesized peptide derived from human Dysferlin, corresponding to a region within C-terminal amino acids.

**Uniprot:**                              O75923

**Description:**                      DYSF Key calcium ion sensor involved in the Ca(2+)-triggered synaptic vesicle-plasma membrane fusion. Plays a role in the sarcolemma repair mechanism of both skeletal muscle and cardiomyocytes that permits rapid resealing of membranes disrupted by mechanical stress. Belongs to the ferlin family. Interacts with CACNA1S. Interacts with ANXA1; the interaction is Ca(2+)- and injury state-dependent.



Western blot analysis of Dysferlin expression in Mouse brain lysate



AF0150 at 1/100 staining Rat ovarian 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.