

# ERRF Antibody

Catalog # ASC11638

## Specification

## ERRF Antibody - Product Information

Application Primary Accession Other Accession Reactivity Host Clonality Isotype Calculated MW IF <u>O8NEO6</u> <u>NP\_849162</u>, <u>149563</u> Human, Mouse Rabbit Polyclonal IgG Predicted: 19 kDa

Observed: 15 kDa KDa ERRF Antibody can be used for detection of ERRF by Western blot at 1 µg/mL.

## Application Notes

# ERRF Antibody - Additional Information

Gene ID149563Target/SpecificityERRF antibody was raised against a 15 amino acid peptide near the carboxy terminus of humanERRF .<br><br>the immunogen is located within the last 50 amino acids of ERRF.

**Reconstitution & Storage** ERRF antibody can be stored at 4°C for three months and -20°C, stable for up to one year.

#### **Precautions** ERRF Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## ERRF Antibody - Protein Information

Name SRARP (<u>HGNC:28339</u>)

**Function** May regulate the transcriptional function of androgen and estrogen receptors.

**Tissue Location** Expressed in breast tumors with a higher expression level in estrogen receptor-positive cancers (PubMed:22341523, PubMed:28915724).

## ERRF Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.



- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

**ERRF Antibody - Images** 



Immunofluorescence of NELF in mouse brain tissue with NELF Antibodyat 20 µg/mL.

#### ERRF Antibody - Background

ERRF Antibody: The estrogen receptor-related factor (ERRF) is a recently identified protein whose expression is upregulated in multiple cell lines and primary breast cancer tumors. Increased ERRF expression was significantly associated with ER or progesterone receptor (PR) positivity even in HER2-negative tumors. This higher ERRF expression correlated with better disease-free survival and overall survival. In two ER-positive breast cancer cell lines, knockdown of ERRF suppressed cell growth in vitro and tumorigenesis in xenograft models, suggesting that ERRF plays a role in estrogen-ER-mediated breast cancer cell growth and may thus be a potential therapeutic target.

#### **ERRF Antibody - References**

Su D, Fu X, Fan S, et al. Role of ERRF, a novel ER-related nuclear factor, in the growth control of ER-positive human breast cancer cells. Am. J. Pathol. 2012; 180:1189-201.