

ERRF Antibody

Catalog # ASC11638

Product Information

Application	WB, IF, E, IHC-P
Primary Accession	Q8NEQ6
Other Accession	NP_849162 , 30519894
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	17657
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	ERRF Antibody can be used for detection of ERRF by Western blot at 1 µg/mL.

Additional Information

Gene ID	149563
Other Names	Uncharacterized protein C1orf64, C1orf64
Target/Specificity	C1orf64;
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.

Protein Information

Name	SRARP (HGNC:28339)
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).

Background

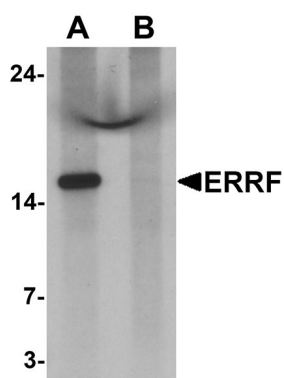
ERRF Antibody: The estrogen receptor-related factor (ERRF) is a recently identified protein whose expression is upregulated in multiple cell lines and primary breast cancer tumors. Increased ERRF expression was significantly associated with ER or progesterone receptor (PR) positivity even in HER2-negative 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.

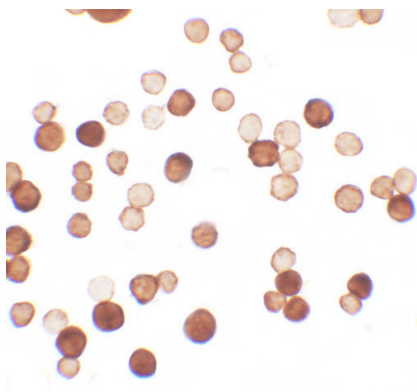
References

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.

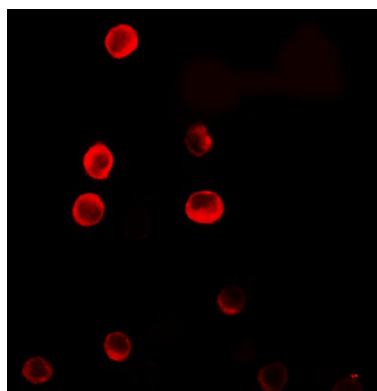
Images



Western blot analysis of ERRF in HeLa cell lysate with ERRF antibody at 1 $\mu\text{g/mL}$ in (A) the absence and (B) the presence of blocking peptide.



Immunocytochemistry of ERRF in HeLa cells with ERRF antibody at 2.5 $\mu\text{g/mL}$.



Immunofluorescence of ERRF in HeLa cells with ERRF antibody at 20 $\mu\text{g/mL}$.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.