

## Product datasheet for TA375981

### IRE1 (ERN1) Rabbit Polyclonal Antibody

#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Applications:           | WB   |
| Recommended Dilution:   | WB,1:500 - 1:2000  |
| Reactivity:             | Human, Rat   |
| Modifications:          | Phospho Ser551   |
| Host:                   | Rabbit   |
| Isotype:                | IgG  |
| Clonality:              | Polyclonal   |
| Immunogen:              | A phospho specific peptide corresponding to residues surrounding Ser551 of human ERN1.   |
| Formulation:            | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.  |
| Concentration:          | lot specific   |
| Purification:           | Affinity purification  |
| Conjugation:            | Unconjugated   |
| Storage:                | Store at -20°C. Avoid freeze / thaw cycles.  |
| Stability:              | Shelf life: one year from despatch.  |
| Predicted Protein Size: | 6kDa/109kDa  |
| Gene Name:              | endoplasmic reticulum to nucleus signaling 1   |
| Database Link:          | <a href="#">Entrez Gene 2081 Human O75460</a>  |
| Background:             | The protein encoded by this gene is the ER to nucleus signalling 1 protein, a human homologue of the yeast Ire1 gene product. This protein possesses intrinsic kinase activity and an endoribonuclease activity and it is important in altering gene expression as a response to endoplasmic reticulum-based stress signals. |
| Synonyms:               | FLJ30999; hIRE1p; IRE1; Ire1-alpha; IRE1a; IRE1P; MGC163277; MGC163279   |



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