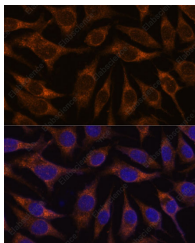
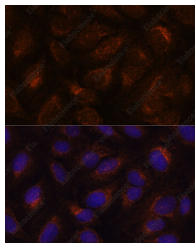


## AGR2 Polyclonal Antibody

**catalog number:** E-AB-67817

**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

| Description         |                                                                                    |
|---------------------|------------------------------------------------------------------------------------|
| <b>Reactivity</b>   | Human;Mouse;Rat                                                                    |
| <b>Immunogen</b>    | Recombinant fusion protein of human AGR2 (NP_006399.1).                            |
| <b>Host</b>         | Rabbit                                                                             |
| <b>Isotype</b>      | Rabbit IgG                                                                         |
| <b>Purification</b> | Affinity purification                                                              |
| <b>Buffer</b>       | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |
| Applications        | Recommended Dilution                                                               |
| IF                  | 1:50-1:200                                                                         |

| Data                                                                                                                            |                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|                                               |                                                |
| Immunofluorescence analysis of L929 cells using AGR2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining. | Immunofluorescence analysis of U-2 OS cells using AGR2 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining. |

| Preparation & Storage |                                                                                                        |
|-----------------------|--------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.                                        |
| <b>Shipping</b>       | The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended. |

| Background                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p>This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, a catalytically active thioredoxin domain, and a C-terminal ER-retention sequence. This protein plays a role in cell migration, cellular transformation and metastasis and is as a p53 inhibitor. As an ER-localized molecular chaperone, it plays a role in the folding, trafficking, and assembly of cysteine-rich transmembrane receptors and the cysteine-rich intestinal glycoprotein mucin. This gene has been implicated in inflammatory bowel disease and cancer progression.</p> |  |

### For Research Use Only

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