

## Rabbit anti-Human, Mouse AHRR Polyclonal Antibody | anti-AHRR antibody

AHRR Antibody

|                               |                       |                                   |                                     |
|-------------------------------|-----------------------|-----------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA305790</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|-------------------------------------|

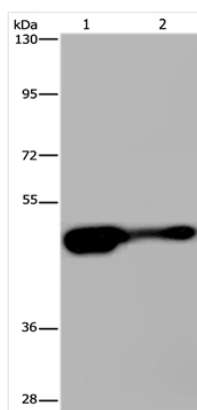
### PRODUCT SYNONYMS

AHRR; Polyclonal Antibody; AHRR Antibody; AHH; AHHR; bHLHe77; anti-AHRR antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                              |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                       |
| Reactivity                                     | Human, Mouse                                                                                                 |
| Clonality                                      | Polyclonal                                                                                                   |
| Specificity                                    | The antibody detects endogenous levels of total AHRR protein.                                                |
| Purity/Purification                            | Antigen affinity purification.                                                                               |
| Form/Format                                    | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                              |
| Concentration                                  | 1.5mg/ml (varies by lot)                                                                                     |
| Sequence Length                                | 701                                                                                                          |
| Applicable Applications for anti-AHRR antibody | WB (Western Blot)                                                                                            |
| Immunogen Type                                 | Peptide                                                                                                      |
| Immunogen Description                          | Synthetic peptide corresponding to residues near the N terminal of human aryl-hydrocarbon receptor repressor |
| Target Name                                    | AHRR                                                                                                         |
| Preparation and Storage                        | Store at -20 degree C                                                                                        |

### IMAGES



#### Application Data

Gel: 6% SDS-PAGE  
Lysates (from left to right): Mouse liver tissue and HepG2 cell  
Amount of lysate: 40ug per lane  
Primary antibody: 1/430 dilution  
Secondary antibody dilution: 1/8000  
Exposure time: 2 minutes

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-AHRR antibody | The protein encoded by this gene participates in the aryl hydrocarbon receptor (AhR) signaling cascade, which mediates dioxin toxicity, and is involved in regulation of cell growth and differentiation. It functions as a feedback modulator by repressing AhR-dependent gene expression. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. |
| Product Categories/Family for anti-AHRR antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GI #                        | 334848123                                       |
| NCBI GeneID                      | 57491                                           |
| NCBI Accession #                 | NP_001229341                                    |
| NCBI GenBank Nucleotide #        | NM_001242412.1                                  |
| UniProt Accession #              | A9YTQ3; Q9HAZ3; Q9ULI6; A7MBN5; D6RAZ1          |
| Molecular Weight                 | 76kd                                            |
| NCBI Official Full Name          | aryl hydrocarbon receptor repressor isoform 2   |
| NCBI Official Synonym Full Names | aryl-hydrocarbon receptor repressor             |
| NCBI Official Symbol             | AHRR                                            |
| NCBI Official Synonym Symbols    | AHH; AHHR; bHLHe77                              |
| NCBI Protein Information         | aryl hydrocarbon receptor repressor             |
| UniProt Protein Name             | Aryl hydrocarbon receptor repressor             |
| UniProt Gene Name                | AHRR                                            |
| UniProt Synonym Gene Names       | BHLHE77; KIAA1234; AhR repressor; AhRR; bHLHe77 |
| UniProt Entry Name               | AHRR_HUMAN                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.