



AKR1A1 rabbit pAb

Cat No.:ES1624

For research use only

Overview

| | |
|---------------------------------|---|
| Product Name | AKR1A1 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;ELISA |
| Species Cross-Reactivity | Human;Mouse;Rat |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. |
| Immunogen | Synthesized peptide derived from AKR1A1 . at AA range: 250-330 |
| Specificity | AKR1A1 Polyclonal Antibody detects endogenous levels of AKR1A1 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Alcohol dehydrogenase [NADP(+)] |
| Gene Name | AKR1A1 |
| Cellular localization | Cytoplasm, cytosol . Apical cell membrane . |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 37kD |
| Human Gene ID | 10327 |
| Human Swiss-Prot Number | P14550 |
| Alternative Names | AKR1A1; ALDR1; ALR; Alcohol dehydrogenase [NADP(+)]; Aldehyde reductase; Aldo-keto reductase family 1 member A1 |
| Background | This gene encodes a member of the aldo/keto reductase superfamily, which consists of more than 40 known enzymes and proteins. This member, also known as aldehyde reductase, is involved in the reduction of biogenic and xenobiotic aldehydes and is present in virtually every tissue. Multiple |

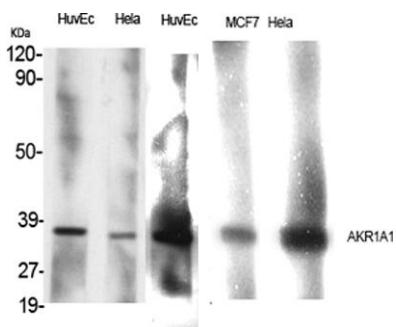




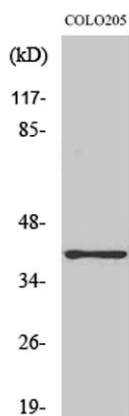
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alternatively spliced transcript variants of this gene exist, all encoding the same protein. [provided by RefSeq, Jan 2011],

Western Blot analysis of various cells using AKR1A1 Polyclonal Antibody



Western Blot analysis of NIH-3T3 cells using AKR1A1 Polyclonal Antibody



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