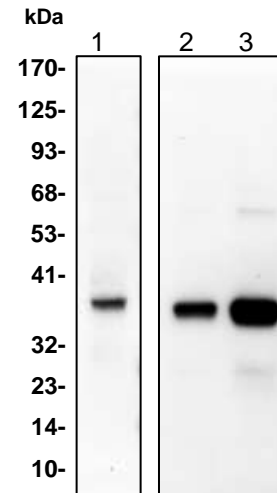


## AKR1C3 Polyclonal Antibody

<b>CATALOG NO. :</b>	A1055-30T      30 µg (Trial size) A1055-100      100 µg
<b>ALTERNATE NAMES:</b>	Aldo-keto reductase family 1, member C3, DD3, DDX, HA1753, HAKRB, HAKRe, hluPGFS, HSD17B5
<b>HOST:</b>	Rabbit
<b>IMMUNOGEN:</b>	Human recombinant AKR1C3 (Cat. No. 6337)
<b>INTERNAL ID:</b>	BV-Q39
<b>PURIFICATION:</b>	Affinity purified rabbit IgG
<b>MOLECULAR WEIGHT:</b>	39 kDa
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	0.5 mg/ml antibody supplied in PBS (pH 7.2) with 0.01 % BSA, 0.03 % ProClin® and 50 % glycerol
<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat
<b>STORAGE CONDITIONS:</b>	Store at -20°C. Avoid repeated freeze/thaw cycles.
<b>DESCRIPTION:</b>	Aldo-keto reductase family 1 member C3 in humans is encoded by the AKR1C3 gene. This enzyme catalyzes the reduction of prostaglandin (PG) D2, PGH2 and phenanthrenequinone (PQ), and the oxidation of 9alpha, 11beta-PGF2 to PGD2. It may play an important role in the pathogenesis of allergic diseases such as asthma, and may also have a role in controlling cell growth and/or differentiation.
<b>APPLICATION:</b>	Western blot: 1-4 µg/ml

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.

rev.06/17



**Western blot analysis of h AKR1C3 using anti- h AKR1C3 antibody:**

Lane 1: HeLa cell lysate  
Lane 2: h AKR1C3 10 ng  
Lane 3: h AKR1C3 50 ng

### RELATED PRODUCTS:

- Aldehyde Dehydrogenase Activity Colorimetric Assay kit (**Cat. No. K731-100**)
- PicoProbe™ Aldehyde Dehydrogenase Activity Assay kit (**Cat. No. K741-100**)
- Human recombinant ALDH2 (**Cat. No. 6332-100**)
- Human recombinant ALDH3A1 (**Cat. No. 6333-50**)
- Human recombinant AKR7A3 (**Cat. No. 6334-50**)
- Human recombinant AKR7A2 (**Cat. No. 6335-50**)
- Human recombinant AKR1B10 (**Cat. No. 6339-100, 1000**)
- Human recombinant AKR1C3 (**Cat. No. 6337-50**)
- Human recombinant AKR1C4 (**Cat. No. 6338-50**)
- AKR1C3 inhibitor I (**Cat. No. 2403-5, 25**)
- AKR1C3 inhibitor II (**Cat. No. 2404-5, 25**)
- AKR1C3 inhibitor III (**Cat. No. 2404-6, 25**)
- AKR1C3 A, human recombinant (**Cat. No. 6337-100**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**