

AKR1B1-1 (627A12.1)

Protein: Aldose reductase

UniProt

Function: Catalyzes the NADPH-dependent reduction of a wide variety of carbonyl-containing compounds to their corresponding alcohols with a broad range of catalytic efficiencies.

Subcellular location: Cytoplasm.

Tissue specificity: Highly expressed in embryonic epithelial cells (EUE) in response to osmotic stress.

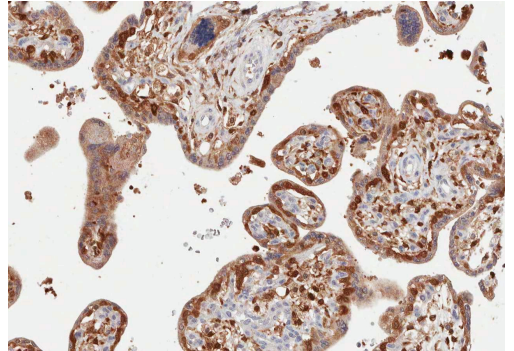
IHC protocol

HIER pH 6

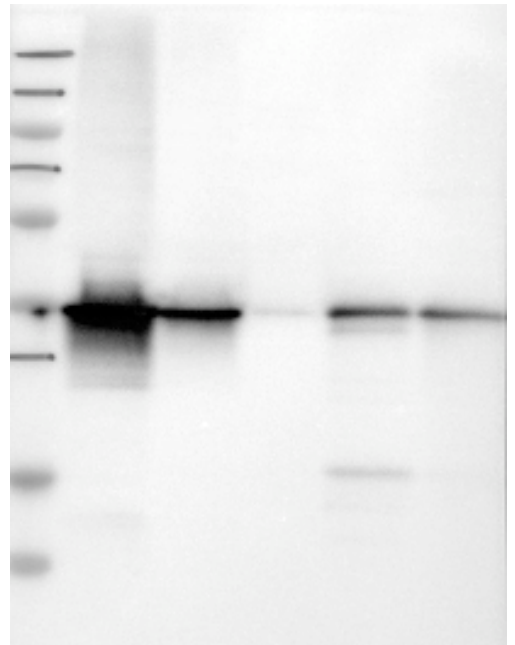
Diluted 1:10000

IHC comment

Approved for IHC. Distinct cytoplasmic staining of varying intensity in many tissues. Strong in e.g. placenta, testis and kidney, as well as in some cell lines.



IHC. Placenta



WB. Supportive (Band of predicted size in kDa (+/-20%) with additional bands present)