

Immunotag™ XDH Antibody

Antibody Specification	
Catalog No.	ITA7989
Product Description	Immunotag™ XDH Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	XDH
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:1000-3000 IHC 1:200
Concentration	1 mg/ml
Reactive Species	Human,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human XDH
Specificity	XDH Antibody detects endogenous levels of total XDH
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	XDH
Accession No.	P47989
Alternate Names	Xanthine dehydrogenase; Xanthine dehydrogenase/oxidase; Xanthine oxidase; Xanthine oxidoreductase; XD; XDH; XDH_HUMAN; xdha; XO; xor;
Description	Key enzyme in purine degradation. Catalyzes the oxidation of hypoxanthine to xanthine. Catalyzes the oxidation of xanthine to uric acid. Contributes to the generation of reactive oxygen species. Has also low oxidase activity towards aldehydes (in vitro).

Antibody Specification

Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	146 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.