OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200
Rockville, MD 20850
UNITED STATES
Phone: +1-888-267-4436
Fax: +1-301-340-8606
techsupport@origene.com

OriGene Technologies GmbH

Schillerstr. 5
32052 Herford
GERMANY
Phone: +49-5221-34606-0
Fax: +49-5221-34606-11
info-de@origene.com

R1156BS   Polyclonal Antibody to Pyranose Oxidase - Biotin

Quantity:	0.1 mg
Concentration:	1 mg/ml (by UV absorbance at 280 nm)
Host:	Goat
Immunogen:	Pyranose oxidase from E.coli
Format:	**State:** Lyophilized purified Ig fraction

Format:

State: Lyophilized purified Ig fraction
Purification: Delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer
Buffer System: 0.02 M Potassium phosphate, 0.15 M Sodium chloride, pH 7.2
Preservatives: 0.01% (w/v) Sodium azide
Stabilizers: 10 mg/ml BSA (immunoglobulin and protease free)
Label: Biotin
Reconstitution: Restore with 0.1 ml of deionized water (or equivalent).

Applications:

Western blot : 1/500 - 1/5,000.
Immunoprecipitation: 1/100.
ELISA : 1/5,000 - 1/20,000:
This product has been assayed against 1.0 µg of Pyranose oxidase [E.coli] in a standard capture ELISA using peroxidase conjugated streptavidin and ABTS as a substrate for 30 minutes at room temperature. A working dilution of 1/70,000 to 1/350,000 of the reconstitution concentration is suggested.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody detects Pyranose oxidase from E. coli. Cross reactivity against Pyranose oxidase from other microbes is known but not tested.
Iimmunoelectrophoresis give a single precipitin arc against anti-biotin anti-goat serum as well as purified and partially purified Pyranose oxidase [E.coli].

Storage:

Store lyophilized at 2-8°C for 6 months or at -20°C long term.
After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

For research and in vitro use only. Not for diagnostic or therapeutic work.
Material Safety Datasheets are available at www.acris-antibodies.com or on request.

BK/20140813   1 / 1