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Product Datasheet

SMAD3 phospho S423/phospho S425 Antibody, Unconjugated, Rabbit, Polyclonal Preis auf Anfrage BYT-ORB345537

Artikelname	SMAD3 phospho S423/phospho S425 Antibody, Unconjugated, Rabbit, Polyclonal Preis auf Anfrage
Artikelnummer	BYT-ORB345537
Hersteller Artikelnummer	orb345537
Alternativnummer	BYT-ORB345537-25
Hersteller	Biorbyt
Wirt	Rabbit
Kategorie	Antikörper
Applikation	ELISA, IHC, WB
Spezies Reaktivität	Human
Immunogen	Anti-SMAD3 pS423pS425 antibody was prepared from whole rabbit serum produced by repeated immunizations with a dual phosphorylated synthetic peptide corresponding to a c-terminal region with Serine 423 and Serine 425 of human SMAD3 protein.
Konjugation	Unconjugated
Produktbeschreibung	SMAD3 (phospho-S423) antibody...
Klonalität	Polyclonal
Konzentration	1.16 mg/mL
NCBI	5174513

UniProt	P84022
Puffer	Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: None, Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reinheit	This affinity-purified antibody is directed against the phosphorylated form of human Smad3 protein at the pS423 and pS425 residues. The product was affinity purified from monospecific antiserum by immunoaffinity purification. Antiserum was first purified against the phosphorylated form of the immunizing peptide. The resultant affinity purified antibody was then cross adsorbed against the non-phosphorylated form of the immunizing peptide. Reactivity occurs against human Smad3 pS423 and pS425 protein and the antibody is specific for the phosphorylated form of the protein. Reactivity with non-phosphorylated human Smad3 is minimal by ELISA and western blot. Expect reactivity against phosphorylated Smad1 and Smad5. Negligible reactivity is seen against other phosphorylated Smad family members. A BLAST analysis was used to suggest cross reactivity with Smad3 from human, <i>Xenopus laevis</i>, <i>Xenopus tropicalis</i>, zebrafish, rat, mouse, swine, bovine and chicken based on 100% sequence homology with the immunogen. Reactivity against homologues from other sources is not known.
Formulierung	Liquid (sterile filtered)
Application Verdünnung	ELISA: 1:75,000 - 1:300,000, IHC: 1:500, WB: 1:2,000 - 1:20,000
Anwendungsbeschreibung	Application Notes: This affinity purified antibody has been tested for use in ELISA, immunohistochemistry and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 48 kDa in size corresponding to phosphorylated Smad3 protein by western blotting in the appropriate stimulated tissue or cell lysate or extract. Less than 0.2% reactivity is observed against the non-phosphorylated form of the immunizing peptide. This antibody is phospho specific for dual phosphorylated pS423 and pS425 of Smad3. Stimulation with 2 ng/ml TGF-beta for 1 hour is suggested