

## Product datasheet for TA302632

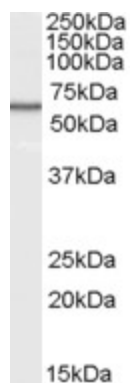
### B7H4 (VTCN1) Goat Polyclonal Antibody

#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Applications:           | WB  |
| Recommended Dilution:   | ELISA: 1:64,000. WB: 0.3-1 µg/ml.   |
| Reactivity:             | Human (Expected from sequence similarity: Mouse, Rat, Dog)  |
| Host:                   | Goat  |
| Isotype:                | IgG   |
| Clonality:              | Polyclonal  |
| Immunogen:              | Peptide with sequence C-SKGKGNANLEYK, from the internal region of the protein sequence according to NP_078902.2.  |
| Formulation:            | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.   |
| Concentration:          | lot specific  |
| Purification:           | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.           |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 34503 Da  |
| Gene Name:              | V-set domain containing T cell activation inhibitor 1   |
| Database Link:          | <a href="#">NP_078902</a> Entrez Gene <a href="#">242122</a> MouseEntrez Gene <a href="#">295322</a> RatEntrez Gene <a href="#">483140</a> DogEntrez Gene <a href="#">79679</a> Human   |
| Background:             | B7H4 belongs to the B7 family (see CD80; MIM 112203) of costimulatory proteins. These proteins are expressed on the surface of antigen-presenting cells and interact with ligands (e.g., CD28; MIM 186760) on T lymphocytes. [supplied by OMIM] |
| Synonyms:               | B7-H4; B7h.5; B7H4; B7S1; B7X; PRO1291; VCTN1   |
| Protein Families:       | Transmembrane   |



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**Product images:**

TA302632 (0.3ug/ml) staining of Human Spleen lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.